



Waterford County Development Plan 2011-2017

Plean Forbartha Chontae Phort Láirge 2011-2017



Volume 5 - Appropriate Assessment Report



Waterford County Council



APPROPRIATE ASSESSMENT CONCLUSION STATEMENT

FOR

COUNTY WATERFORD DEVELOPMENT PLAN REVIEW

2011-2017

February 2011



**Waterford County Council
Comhairle Chontae Port Láirge**

AA Conclusion Statement

An Appropriate Assessment Screening Report was prepared by Waterford County Council on the potential significant impacts of the Draft County Development Plan 2011-2017 on Natura 2000 sites in the county.

The AA Screening Report details the conservation objectives for the range of Natura 2000 sites in County Waterford to identify sites that may have been impacted by policies/objectives in the Draft County Development Plan 2011-2017.

A review of each of the policies, objectives and zonings contained in the Draft County Development Plan was undertaken and these were screened for their potential impacts on the Natura 2000 network in the county. Amendments were made to Draft Development Plan policies and objectives to ensure any plans or projects arising from the Plan and that may impact on Natura 2000 sites within the county will be subject to an appropriate assessment in compliance with Article 6 of the Habitats Directive.

The Draft County Development Plan and AA Screening Report were made available for public consultation from 23rd February 2010 until 4th May 2010. One submission on the AA Screening Report was received from the Department of Environment, Heritage and Local Government (DoEHLG).

Material Amendments proposed to the Draft County Development Plan including amendments to existing policies and insertion of additional policies, objectives and zonings were screened for AA. The AA Screening did not identify any significant adverse impacts arising from the amended or additional policies and objectives contained in the Draft County Development Plan subject to AA being carried out as required at project level. Any policies /objectives that may impact on Natura 2000 sites will be subject to policy 8.19 on Appropriate Assessment in the Draft County Development Plan in keeping with the requirements of Articles 6(3) and 6(4) of the Habitats Directive and Section 177(v) of the Planning and Development Act 2000 as amended.

With regard to proposed zoning amendments, zonings directly affecting Natura 2000 sites were recommended to be excluded e.g. Bunmahon tourism zoning which included zoning of lands within the Mid-Waterford Coast SPA as it may have implications for the Conservation Objectives of the designated site. Other proposed zonings adjacent to SACs/SPAS implied a requirement to carry out AA screening at the project level to ensure no impacts on the conservation objectives for those sites.

Proposed Material Amendments to the Draft Plan and AA Screening Report were made available for public consultation from 27th October 2010 until 24th November 2010. One

submission on the AA Screening Report was received from the Department of Environment, Heritage and Local Government (DoEHLG).

The findings of the AA Screening Report were considered and used to inform adoption of the final plan. The recommendation to exclude the Bunmahon tourism zoning affecting the mid-Waterford Coast SPA was accepted.

It is considered the plan as adopted will not have an adverse effect on the integrity of Natura 2000 sites in the county. Any future plans or projects arising from the Plan and that may impact on Natura 2000 sites within the county will be subject to an appropriate assessment in compliance with Article 6 of the Habitats Directive, Section 177(v) of the Planning and Development Act 2000 as amended and as per policy 8.20 in the County Development Plan.

Habitats Directive Article 6

Appropriate Assessment

Waterford County Development Plan

2011-2017

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Map 1. SACs and SPAs in County Waterford

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**Appendix 2 Screening Assessment of Proposed Material (Zoning) Amendments
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zoned lands in County Waterford**

1. Introduction to Habitats Directive and Article 6 Assessment

The aim of the European Habitats Directive (Council Directive 92/43/EEC on the conservation of wild habitats and of wild fauna and flora) is to create a network of protected wildlife sites in Europe, maintained at a favourable conservation status¹. Each member state must designate their most important natural areas as Special Areas of Conservation. The Directive specifies the scientific criteria on the basis of which SAC sites must be selected and very strictly curtails the grounds that can be used as justification for damaging a site. The network of sites is referred to as NATURA 2000 and includes SACs (Special Areas of Conservation) for protected habitats and species and SPAs (Special Protection Areas) for protected birds.

The European Habitats Directive (Council of the European Communities 1992) was transposed into Irish legislation by the European Communities (Natural Habitats) Regulations 1997 and amended in 1998, 2005 and 2010. The Draft (Natural Habitats) Regulations 2010 address transposition issues raised in recent judgements of the ECJ against Ireland and along with provisions of the Planning and Development Act 2000 (as amended) (Part XAB), clarify the obligations of planning authorities under the Birds and Habitats Directives.

The Regulations and the Planning and Development Act 2000 (as amended) require planning authorities when considering an application for a development that is likely to have a significant effect on a SAC/SPA, to ensure that an appropriate assessment of the implications of the development for the conservation status of the site is undertaken.

Sites may contain priority or non-priority habitats and species. Priority habitats include raised and blanket bogs, some types of fens, bog woodlands and fixed coastal dunes.

The only justifications for damaging a qualifying "priority" site are "considerations relating to human health and public safety, to beneficial consequences of primary importance of the environment, or further to an opinion from the European Commission, to other imperative reasons of overriding public interest" (IROPI), but this can only be allowed after an assessment is made in line with the article 6 procedure, and there are no other alternatives and an agreement is reached with the European Commission.

The European Parliament, in a communication to the European Council in September 2000, states: The implementation of the European Habitats Directive and Birds Directive, both with respect to species conservation and with respect to the establishment of the Natura 2000 network, is one of the most important tools for

¹ The conservation status of a species can be taken as "favourable" when population dynamics data on the species concerned indicate that it is maintaining itself on a long term basis as a viable component of its natural habitats, the natural range of the species is neither being reduced nor is likely to be reduced for the foreseeable future and there is and will continue to be a sufficiently large habitat to maintain its populations on a long-term basis. Article 1 (i) of the Habitats Directive 92/43/EEC

The conservation status of a habitat can be taken as "favourable" when its natural range and area it covers within that range is stable or increasing and the ecological factors that are necessary for its long-term maintenance exist and are likely to continue to exist for the foreseeable future.

achieving the objectives of the Convention on Biological Diversity in the European Union and member states (European Parliament 2000).

Article 6 of the Habitats Directive provides a strict assessment procedure for any plan or project not directly connected with or necessary to the management of a designated European site but which has the potential to have implications for the site in view of the site's conservation objectives. The County Development Plan for County Waterford 2011-2017, therefore, falls under the remit of Article 6.

2. Guidance on the implementation of Article 6

2.1 National Guidance

Circular Letter SEA 1/08 & NPWS 1/08 of 15 February, 2008 **Appropriate Assessment of Land Use Plans** states that:-

Any draft land use plan (development plans, local area plans, regional planning guidelines, schemes for strategic development zones) or amendment/variation to it proposed under the Planning and Development Act 2000 (as amended) must be screened for any potential impact on areas designated as Natura 2000 sites (normally called Special Areas of Conservation (SACs) or Special Protection Areas (SPAs).

This screening should be based on any ecological information available to the authority and an adequate description of the plan and its likely environmental impacts. This should take into account any policies that will set the terms for future development. Up to date maps of Natura 2000 sites, or areas proposed for designation, are available on www.npws.ie. The results of the screening should be recorded and made available to the public.

In any case where, following screening, it is found that the draft plan or amendment may have an impact on the conservation objectives of a Natura 2000 site or that such an impact cannot be ruled out, adopting a precautionary approach-

- An Appropriate Assessment of the plan must be carried out and
- In any case where a strategic environmental assessment (SEA) would not otherwise be required, it must also be carried out.

2.2 DoEHLG Guidance

The Department of Environment, Heritage and Local Government published *Appropriate Assessment of Plans and Projects in Ireland Guidance for Planning Authorities in December 2009*. This guidance document establishes the steps and procedures to be followed in undertaking an appropriate assessment of statutory land use plans within the framework of current planning legislation.

Section 4.10 of the Guidance states “ It is the competent authority’s responsibility to carry out the appropriate assessment of the plan. The Statement of AA of plans should be based on best available information, objective criteria, best scientific knowledge and expert judgement in relation to its impact on the integrity of a Natura 2000 site with respect to the conservation objectives of the site and to its structure and function. There should be no reasonable scientific doubt as to the absence of effects.”

It is recommended that the Department be consulted by a planning authority at every stage of the plan making process (i.e. at the pre-draft, draft and proposed amendments

stages). The Department's comments should be taken into account by the planning authority before the plan is adopted. In each iteration of the plan, earlier observations from the Department should be carried forward.

Section 4.8 of the guidance states "The key to deciding if an appropriate assessment of a plan would be required is determined by an assessment of whether the plan and its policies and objectives are likely to have a significant effect on a Natura 2000 site. The decision will be influenced by the nature and extent of the development likely to be proposed in the plan, and the plan's area *in situ*, *ex situ* and in combination relationship to adjoining the Natura 2000 sites and the wider Natura 2000 network.

When screening the plan and its policies and objectives there are two possible outcomes:

The plan poses no risk of a significant effect and as such requires no further assessment; and

The plan has potential to have a significant effect (or this is uncertain) and AA of the plan is necessary.

Screening can be used to establish which policies and objectives have potential to have significant effects, and therefore the ones that require further attention at the AA stage.

2.3 European Guidance

The European Commission methodological guidance on the provisions of article 6(3) and 6(4) of the Habitats Directive sets out the four stages for the assessment.²

Stage 1. Screening — the process which identifies the likely impacts upon a Natura 2000 site of a project or plan, either alone or in combination with other projects or plans, and considers whether these impacts are likely to be significant;

Stage 2. Appropriate assessment — the consideration of the impact on the integrity of the Natura 2000 site of the project or plan, either alone or in combination with other projects or plans, with respect to the site's structure and function and its conservation objectives. Additionally, where there are adverse impacts, an assessment of the potential mitigation of those impacts;

² *Assessment of plans and projects significantly affecting Natura 200 sites- methodological guidance on the provisions of Article 6(3) and 6 (4) of the Habitats Directive 92/43/EEC.*
Managing Natura 2000 sites The provisions of Article 6 of the Habitats Directive 92/43/EEC.
European Commission (2002)

Stage 3. Assessment of alternative solutions — the process which examines alternative ways of achieving the objectives of the project or plan that avoid adverse impacts on the integrity of the Natura 2000 site;

Stage 4. Assessment where no alternative solutions exist and where adverse impacts remain — an assessment of compensatory measures where, in the light of an assessment of imperative reasons of overriding public interest (IROPI), it is deemed that the project or plan should proceed.

3. Procedure for stage one screening

This report consists of a screening for Habitats Directive Assessment of the Draft County Development Plan for County Waterford 2011-2017 and the subsequent amendments proposed to the plan following public consultation on the Draft Plan and review of the Managers Report on submissions by the Elected Members in October 2010.

This stage examines the likely effects of the Draft County Development Plan and subsequent proposed amendments on Natura 2000 sites in Waterford and within a 15km radius of the county and considers whether it can be objectively concluded that these sites will not be significantly impacted. This assessment comprises four steps:-

Step 1: determining whether the project or plan is directly connected with or necessary to the management of the site: -

The Draft County Development Plan 2011-2017 is a spatial planning framework for County Waterford and is not directly connected to the management of any Natura 2000 sites.

Step 2: describing the project or plan and the description and characterisation of other projects or plans that in combination have the potential for having significant effects on the Natura 2000 site;

The objective of the Draft County Development Plan is to provide a strategic planning framework for the development of County Waterford. The Plan is intended to be a framework for local authority development and will address issues such as settlement, transportation, industrial development, community facilities and environmental protection.

With a total population in excess of 49,213 (Census 2006), County Waterford encompasses 1.16% of the state population. One of the key assets of the county is its diversity of natural heritage and landscapes providing for a strong tourism base. The county contains two main waterway corridors, the River Blackwater and River Suir and a number of other smaller rivers. The county has 147km of coastline and mountain ranges in the Comeraghs and Knockmealdowns. County Waterford

contains several sites designated for their nature conservation value especially along the coast. There are 14 Natura 2000 sites within the County and 3 sites within 15km of the Waterford boundary with other counties.

Step 3: Identifying the potential effects on the Natura 2000 site;

The DoEHLG Guidance on Appropriate Assessment on Plans and Projects in Ireland (December 2009) states that all N2000 sites within or adjacent the county must be mapped and tabulated, and site integrity and site conditions necessary to support the site integrity must be indicated.

The information presented in Table 1 comprises a breakdown of Natura 2000 sites within County Waterford. The N2000 sites are listed by designation; Special Areas of Conservation / Special Protection Areas. The following information is listed for each N2000 site:

- Site code
- Site name
- Qualifying interests
- Conservation objectives
- Threats to site integrity

Table 2 details sites outside County Waterford but within a 15km buffer of the county.

Step 4: Assessing the significance of any effects on the Natura 2000 site.

The screening stage involves application of the precautionary principle proportional to the policy/objective and the Natura 2000 site in question. Objectives and policies from the Draft County Development Plan and proposed amendments and their impact on the N2000 have been screened to ascertain if the policies / objectives are likely to have significant effects on any Natura 2000 sites, using the following framework.

- County Development Plan zoning/policy/objective
- N2000 site
- Qualifying interests
- Threats to site integrity
- Potential impacts from Draft County Development Plan
- Risk of significant impact (Y/N)
- Potential 'in combination' impacts
- Risk of significant impacts (Y/N)
- Avoidance and (then) mitigation measures
- Action required: Policy change needed / rewording / additional CDP objective

Where no significant effects are found, then policies or objectives are accepted. If all the policies / objectives in the Draft County Development Plan are found not to have a

significant effect on any Natura 2000 site then a Finding of no Significant Effects Report is prepared and no further HDA assessment is required.

Where a policy / objective as worded does have a significant effect, then the policy /objective needs to be amended or rejected. The local authority understands that if it still wishes to proceed with the policy /objective even though it may have a significant effect, then a Stage 2 extended HDA assessment is required.

4. Scoping of issues for HDA

In order to inform preparation of the Habitats Directive Assessment a HDA scoping meeting was held with the NPWS Regional Ecologist in May 2009 to flag general issues of concern for the Natura 2000 network within County Waterford. Issues highlighted included;

Treatments of wastewater e.g. avoid discharge to areas containing Freshwater Pearl Mussel populations;

Increased population growth and associated increased pressures on habitats used for recreational areas e.g. Tramore Dunes, Upland areas- Comeraghs,

Development of linear parks & removal of river edge vegetation/riparian zone;

Cumulative impacts on coastal habitats;

Wind Energy developments and bird migration routes



Table 1: Natura 2000 sites within County Waterford

County Waterford		Special Areas of Conservation (SACs)		
Site code	Site name	Qualifying interests	Conservation objectives	Threats to site integrity
0002137	Lower River Suir	<p>Alluvial Wet Woodlands and Yew Wood, Floating River Vegetation, Atlantic Salt Meadows, Old Oak Wood and Eutrophic Tall Herbs</p> <p>Sea Lamprey, Brook Lamprey, River Lamprey, Freshwater Pearl Mussel, Crayfish, Twaite Shad, Atlantic Salmon, Otter</p>	<p>To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status.</p> <p>To maintain the extent, species richness and biodiversity of the entire site.</p> <p>To establish effective liaison and co-operation with landowners, legal users and relevant authorities.</p>	<p>Obstructions, impassable weirs, gross pollutants, specific pollutants, channel maintenance, man-made barriers to migration, eutrophication, leisure fishing drift netting, use of pesticides, fertilisation, removal of hedges and copses, removal of scrub, felling of native or mixed woodland, professional fishing(including lobster pots and fyke nets)hunting, trapping, poisoning, poaching, sand and gravel extraction, mechanical removal of peat, urbanised areas, human habitation, continuous urbanisation, industrial or commercial areas, discharges, disposal of household waste, industrial waste, inert materials, other discharges, routes, auto routes, bridge, viaduct, water pollution, other forms of pollution, infilling of ditches, dykes, pods, pools, marshes or pits, drainage, management of aquatic and bank vegetation for drainage purposes, removal of sediments, canalisation or modifying structures of inland water course</p> <p>Overgrazing, infilling and reclamation, inappropriate grazing levels and invasive</p>

			species, clearance for agriculture or felling for timber, planting of non-native conifers, Increased development
002123 Ardmore Head	Dry coastal heath and vegetated sea cliffs.	<p>To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status.</p> <p>To maintain the extent, species richness and biodiversity of the entire site.</p> <p>To establish effective liaison and co-operation with landowners, legal users and relevant authorities.</p>	Amenity use, residential and other development in adjacent areas, encroachment of scrub
000072 Blackwater River (Cork/Waterford)	Estuary, Mudflats, Shingle Banks, Salt Meadows, Floating River Vegetation, Old Oak Woods, Alluvial Woodland, Yew Woodland, Freshwater Pearl Mussel, White-clawed Crayfish, Shad, Lampreys, Salmon, Otter, Killarney Fern	<p>To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status.</p> <p>To maintain the extent, species richness and biodiversity of the entire site.</p> <p>To establish effective liaison and co-operation with landowners, legal users and relevant authorities.</p>	<p>Professional fishing, taking of flora, fauna, Water pollution, climate change, change in species composition, aquaculture, bait digging, aggregate extraction, industrialisation, port /marina, communications networks, water pollution, reclamation of land, coastal protection works, invasion by a species, erosion and accretion, overgrazing, infilling and reclamation, inappropriate grazing levels, clearance for agriculture or felling for timber, increased development</p> <p>Obstructions, impassable weirs, channel maintenance, barriers, eutrophication, leisure fishing, drift netting</p> <p>use of pesticides, fertilisation, removal of hedges and copses, removal of scrub, felling of native or mixed woodland, professional fishing(including lobster pots</p>

			<p>and fyke nets)hunting, trapping, poisoning, poaching, sand and gravel extraction, mechanical removal of peat, urbanised areas, human habitation, continuous urbanisation, industrial or commercial areas, discharges, disposal of household waste, industrial waste, inert materials, other discharges, routes, autoroutes, bridge, viaduct, water pollution, other forms of pollution, infilling of ditches, dykes, pods, pools, marshes or pits, drainage, management of aquatic and bank vegetation for drainage purposes, removal of sediments, canalisation or modifying structures of inland water course</p> <p>Collection of samples, outdoor recreation, woodland clearance, overgrazing, hydrocarbons, global warming, climate change, modifications to the hydrology of sites through afforestation, road development or hydro-electric engineering. Air pollution</p>
001952 Comeragh Mountains	Blanket bog, Dry, Wet and Alpine Heath, Rocky Slopes, Oligotrophic Lakes, Floating River Vegetation, Shining Sicklemoss	<p>To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status.</p> <p>To maintain the extent, species richness and biodiversity of the entire site.</p> <p>To establish effective liaison and co-operation with landowners, legal users and relevant authorities.</p>	<p>Agriculture, burning, sand and gravel extraction, urbanisation, industrialisation, acidification, tropospheric ozone and nitrogen enrichment caused by atmospheric deposition</p> <p>Abandonment, overgrazing, burning, quarrying, outdoor recreation</p>

<p>002324 Glendine Wood</p>	<p>Semi-natural Woodland with rare assemblages of Ground Flora.</p>	<p>To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status.</p> <p>To maintain the extent, species richness and biodiversity of the entire site.</p> <p>To establish effective liaison and co-operation with landowners, legal users and relevant authorities.</p>	<p>Collection of samples, outdoor sport and leisure, human disturbance in localities used for recreational purposes. Woodland clearance, overgrazing, natural processes such as wind felling of trees. Modifications to the hydrology of a site through afforestation, road development or hydro-electric engineering, water pollution, air pollution, hydrocarbons, global warming, climate change</p>
<p>000665 Helvick Head</p>	<p>Vegetated Sea Cliffs and Dry Heath.</p>	<p>To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status.</p> <p>To maintain the extent, species richness and biodiversity of the entire site.</p> <p>To establish effective liaison and co-operation with landowners, legal users and relevant authorities.</p>	<p>Agriculture, burning, sand and gravel extraction, urbanisation, industrialisation, acidification, tropospheric ozone and nitrogen enrichment caused by atmospheric deposition</p>
<p>000668 Nier Valley Woods</p>	<p>Old Oak Woodlands and Dry Heath</p>	<p>To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status.</p> <p>To maintain the extent, species richness and biodiversity of the entire site.</p> <p>To establish effective liaison and co-operation with landowners, legal users and relevant authorities.</p>	<p>Inappropriate grazing levels and invasive species, clearance for agriculture or felling for timber, planting of non-native conifers Agriculture, burning, sand and gravel extraction, urbanisation, industrialisation, acidification, tropospheric ozone and nitrogen enrichment caused by atmospheric deposition</p>

002162 River Nore and River Barrow (Waterford Estuary)	Estuary, Mudflats, Salt Meadows, Floating River Vegetation, Dry Heath, Marginal River Vegetation, Petrifying Springs, Old Oak Woods, Alluvial Woods, White-clawed Crayfish, Freshwater Pearl Mussel, Whorl snail, Shad, Lampreys, Salmon, Otter, Killarney Fern	To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status. To maintain the extent, species richness and biodiversity of the entire site. To establish effective liaison and co-operation with landowners, legal users and relevant authorities.	See above under County Carlow
00671 Tramore Dunes and Back Strand	Mudflats and sandflats, shingle banks, salt meadows, embryonic, white and fixed dunes.	To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status. To maintain the extent, species richness and biodiversity of the entire site. To establish effective liaison and co-operation with landowners, legal users and relevant authorities.	Erosion, walking, horse riding and non motorised vehicles, trampling, overuse, sea defence or coastal protection works, under grazing, invasion by a species, camping and caravans, agricultural improvement, stock feeding, overgrazing, paths, tracks, cycle routes, golf courses, restructured agricultural land holding, disposal of household waste, sand and gravel extraction, other pollution or human activities, aquaculture, professional fishing, bait digging, removal of fauna, aggregate extraction, removal of beach material, industrialisation, port/marina, communication networks, water pollution, reclamation of land,
Special Protection Areas (SPAs)			
Site code Site name	Qualifying interests	Conservation objectives	Threats to site integrity
Tramore Backstrand	Brent Geese, Golden Plover, Grey Plover, Black-tailed Godwit, Bar-tailed Godwit, Lapwing, Dunlin, Sanderling,	To maintain the bird species of special conservation interest for which this SPA has been listed at favourable conservation status	Disturbance, Water Quality, Invasive Species

Dungarvan Bay	Brent Goose, Black-tailed Godwit , Bar-tailed Godwit, of international importance Nationally important numbers of Shelduck, Wigeon, Red-breasted Merganser, Grey Plover, Golden Plover, Lapwing, Knot, Sanderling, Dunlin, Redshank and Turnstone	To maintain the bird species of special conservation interest for which this SPA has been listed at favourable conservation status	Disturbance, Water pollution, climate change, change in species composition, aquaculture, bait digging, aggregate extraction, industrialisation, port/marina, communications networks, water pollution
Blackwater Callows	Whooper swan, Bewick's Swan, Golden Plover, Kingfisher	To maintain the bird species of special conservation interest for which this SPA has been listed at favourable conservation status	Disturbance, change in agricultural practices
Blackwater Estuary	Little Egret, Golden Plover, Bar-tailed Godwit, Sandwich Tern, Roseate Tern, Common Tern	To maintain the bird species of special conservation interest for which this SPA has been listed at favourable conservation status	Disturbance, Water pollution
Helvick Head Coast	Peregrine, Chough Kittiwake and Guillemot	To maintain the bird species of special conservation interest for which this SPA has been listed at favourable conservation status	Development, Change in agricultural practices, agricultural abandonment, encroachment of scrub, loss of close-sward grazing,
Mid-Waterford Coast	Peregrine, Chough	To maintain the bird species of special conservation interest for which this SPA has been listed at favourable conservation status	Development, Change in agricultural practices, agricultural abandonment, encroachment of scrub, loss of close-sward grazing,

Table 2: Natura 2000 sites within 15km of the County

County Cork		Special Areas of Conservation (SACs)		
Site code	Site name	Qualifying interests	Conservation objectives	Threats to site integrity
Ballymacoda Bay SPA	Bay	Estuaries, salt meadows, mudflats and sandflats	<p>To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status.</p> <p>To maintain the extent, species richness and biodiversity of the entire site.</p> <p>To establish effective liaison and co-operation with landowners, legal users and relevant authorities.</p>	Professional fishing, taking for fauna, taking for flora, water pollution, climate change, change in species composition, Invasive Species, Erosion and accretion, Aquaculture, professional fishing, bait digging, removal of fauna, aggregate extraction;(removal of beach material, industrialization, Port/Marina, communications networks, water pollution, reclamation of land, coastal protection works, invasion by a species
000072	Blackwater River (Cork/Waterford)	Estuary, Mudflats, Shingle Banks, Salt Meadows, Floating River Vegetation, Old Oak Woods, Alluvial Woodland, Yew Woodland, Freshwater Pearl Mussel, White-clawed Crayfish, Shad, Lampreys, Salmon, Otter, Killarney Fern	<p>To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status.</p> <p>To maintain the extent, species richness and biodiversity of the entire site.</p> <p>To establish effective liaison and co-operation with landowners, legal users and relevant authorities</p>	See County Waterford above
Waterford City		Special Areas of Conservation (SACs)		
Site code	Site name	Qualifying interests	Conservation objectives	Threats to site integrity
0002162	River Barrow and River Nore	Alluvial Wet Woodlands, Petrifying Springs, Old Oak Woodlands, Floating River Vegetation, Estuary, Tidal Mudflats, Salicornia Mudflats, Atlantic Salt Meadows, Dry Heath and Eutrophic Tall Herbs Sea lamprey, Brook Lamprey, River	<p>To maintain the Annex I habitats and Annex II species for which the cSAC has been selected at favourable conservation status.</p> <p>To maintain the extent, species richness and biodiversity of the entire site.</p> <p>To establish effective liaison and co-operation with landowners, legal users and relevant authorities.</p>	

	Lamprey, Freshwater Pearl Mussel, Nore Freshwater Pearl Mussel, Crayfish, Twaite Shad, Atlantic Salmon, Otter <i>Vertigo moulinsina</i> , Killarney Fern		
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5. Screening Assessment

Table 4 presents assessment of impacts from the Draft County Development Plan 2011-2017 at a strategic level on Natura 2000 sites where they occur adjacent to towns and villages. Potential impacts for Annex II species which occur within the county are also screened. These include Freshwater Pearl Mussel, Killarney Fern, Salmon, Crayfish, Twaite Shad and Otter.

Table 4. Habitats Directive Assessment Matrix to determine risk of significant impacts on SACs and SPAs.

Natura 2000 Site SAC	Pressure Topic	Possible impacts from County Development Plan	Risk of Significant Impact	Mitigation measure
Lower River Suir	Water quality Waste Water Treatment (EPA classify Lower Suir Estuary trophic status as Intermediate, Upper Suir Estuary as Eutrophic) ³	Increase in population in settlements along River Suir and tributary River Clodiagh including Carrick on Suir, Clonea-Power, Clonmel environs, Portlaw and Rathgormack	Adequate capacity to ensure required water quality standards including the Freshwater Water Pearl Mussel Catchment in the River Clodiagh	Draft County Development Plan Policy INF2 and DM1 Development Standards 10.6 Policy SS2 De-zoning of lands in Rathgormack and Clonea-Power Phased Zoning in Clonmel Environs and Portlaw

³ Ireland's Environment 2008 (EPA)

				<p>Provisions of Waste Water Discharge (Authorisation) Regulations S.I. no 684 of 2007 and application of PD 7/09</p> <p>DoEHLG Water Services Investment Programme Draft County Development Plan Policy INF 17 and INF19</p> <p>South-East River Basin District Management Plan</p> <p>2009 Freshwater Pearl Mussel Regulations</p>
Blackwater River	<p>Water Quality and Waste Water Treatment (EPA classify trophic status as eutrophic in both Upper and Lower Blackwater Estuary)</p>	<p>Increase in population in settlements along River Blackwater and tributaries River Bride and River Licky including Ballyduff West, Lismore, Cappoquin, Villierstown and Tallow</p>	<p>Waste Water Treatment Plant planned for Cappoquin with a population equivalent of 2,556 for 2013 under the 7 Villages Scheme</p> <p>Waste Water Treatment Plant planned for Tallow with a population equivalent of 2,527 for 2013 under the 7 Villages Scheme</p>	<p>Draft County Development Plan Policy INF2 and DM1 Development Standards 10.6 Policy SS2</p> <p>De-zoning of lands in Ballyduff West and Lismore. Phased Zoning of lands at Cappoquin, Villierstown and Tallow</p> <p>Provisions of Waste Water Discharge (Authorisation) Regulations S.I. no 684 of 2007 and application of PD 7/09</p>

				<p>DoEHLG Water Services Investment Programme Draft County Development Plan Policy INF 17 and INF19</p> <p>South-West River Basin District Management Plan</p> <p>2009 Freshwater Pearl Mussel Regulations</p>
Dungarvan Bay	<p>Water quality Waste Water Treatment (EPA classify trophic status as Intermediate. SERBDMP state the area requires restoration to reach good status under the WFD by 2015). DoEHLG Published Pollution Reduction Programme for Dungarvan Harbour for shellfish water 2009</p>	<p>Increase in population in Dungarvan, Ballinroad, Helvick and Baile na Gall</p>	<p>Secondary treatment with a population equivalent to serve 20,000 is available at Dungarvan A secondary treatment WWTP is in place at Ballinroad and is at capacity with plans to connect current plant to Dungarvan WWTP under the current Water Services Investment Programme A secondary WWTP was put in place in Ring/Helvick/Baile na Gall under the current Water Services Investment Programme (Dungarvan and Environs Sewerage Scheme)</p>	<p>Draft County Development Plan Policy INF2 and DM1 Development Standards 10.6 Policy SS2</p> <p>De-zoning of lands in Dungarvan Environs, Ballinroad, Baile na nGall and Heilbhic</p> <p>Provisions of Waste Water Discharge (Authorisation) Regulations S.I. no 684 of 2007 and application of PD 7/09</p> <p>DoEHLG Water Services Investment Programme Draft County Development Plan</p>

			A licence application was made in June 2009 Under the Waste Water Discharge (Authorisation) Regulations 2007	Policy INF 17 and INF19 South-East River Basin District Management Plan
River Nore and River Barrow including Waterford Estuary	Water quality (EPA list trophic status as Intermediate) Waste Water Treatment	Increase in population in settlements along Waterford Estuary including Cheekpoint and Passage East and Dunmore East	Waste Water Treatment Plant proposed for Cheekpoint Waste Water Treatment Plant planned for Dunmore East in 2013 under the & Villages scheme.	Draft County Development Plan Policy INF2 and DM1 Development Standards 10.6 Policy SS2 De-Zoning of lands at Passage East Phased zoning of lands at Cheekpoint and Dunmore East Provisions of Waste Water Discharge (Authorisation) Regulations SI no. 684 of 2007 and application of PD7/09 Provisions of DoEHLG Water Services Investment Programme Draft County Development Plan Policies INF 17 and INF 19 7 Villages scheme

Comeragh Mountains	Recreational Pressure	Increased visitors and recreational pressure on Comeragh Mountains SAC	Objective ECD5	Draft County Development Plan Policies NH2,NH3,NH4,NH5,NH6NH7,NH8,NH25
Natura 2000 Site SPA	Pressure Topic	Possible impacts from Draft County Development Plan	Risk of Significant Impact	Mitigation measure
Helvick Head Coast	Disturbance	ENV2, ECD 23, ECD24	Tourism /residential development along coastline	Draft County Development Plan Policies NH2,NH3,NH4,NH5,NH6, NH7,NH8, NH 22, NH25
Mid-Waterford Coast	Disturbance	ENV2, ECD 23, ECD24	Tourism /residential development along coastline	Draft County Development Plan Policies NH2,NH3,NH4,NH5,NH6, NH7,NH8, NH 22, NH25

Annex II species	Conservation Status⁴	Pressure Topic	Mitigation measure
Freshwater Pearl Mussel	Bad	Water quality	De-zoning of lands in Clonea Power Phased Zoning in Portlaw Freshwater Pearl Mussel Regulations, Sub-Basin Catchment Plans and WFD Programme of Measures Provisions of Waste Water Discharge (Authorisation) Regulations SI no. 684 of 2007 and application of PD7/09 Provisions of DoEHLG Water Services Investment Programme
Killarney Fern	Good	Modifications to the hydrology of a site through afforestation, road development	Infrastructure projects will be subject to H.D.A. at the project level
Salmon	Bad	Water quality	Programme of Measures under WFD and River Basin District Management Plans
Crayfish	Poor	Water quality	River Basin District Management Plans

⁴ The Status of EU Protected Habitats and Species in Ireland DoEHLG 2008

Twaite Shad	Bad	Water quality	River Basin District Management Plans
Otter	Poor	Water quality Clearance of riparian vegetation	Infrastructure projects will be subject to H.D.A. at the project level
River Lamprey	Good	Water quality	River Basin District Management Plans
Sea Lamprey	Poor	Weirs and Channel maintenance	Infrastructure projects will be subject to H.D.A. at the project level

5.2 Potential Impacts and Mitigation

5.2.1 Strategic Objectives

The County Development Plan 2011-2017 aims to support growth in existing zoned settlements and where existing and proposed infrastructural capacities permit. A review of the County Development Plan 2005-2011 showed that of the existing area of zoned land in the county (approximately 1,410 ha.) approximately 800 ha remained undeveloped.

In the context of Habitats Directive Assessment, potential impacts on Natura 2000 sites may arise where increased population growth cannot be served by water and wastewater infrastructure leading to deterioration of water quality standards and pollution which may compromise habitat quality and thereby affect the favourable conservation status of habitats and species. Eutrophication in some instances may provide richer feeding grounds for bird life in SPAs but in the main, water pollution is considered a threat to site integrity in the Natura 2000 network.

Development zoning in towns and villages near rivers, estuaries and along coastlines which are designated SAC/SPA requires the provision of adequate waste water treatment capacity and appropriate level of treatment to reduce the threat of deteriorating water quality. Where limits in treatment levels are in sight Waterford County Council have plans to extend or upgrade waste water treatment facilities in the lifetime of the Plan. The local authority prepared an Assessment of Needs for Water Services that was submitted to the DoEHLG under the Department's Water Services Investment Programme in November 2009. These needs were prioritised under four themes;

1. Water Conservation Proposals which meet environmental and economic goals
2. Works required to respond to ECJ judgements
3. Environment/Public Health Objectives
4. Works to support sustainable development of hubs and gateways under the NSS

Of current relevance is the Seven Villages Scheme which involves an upgraded sewer network and new Wastewater Treatment Plants in the following towns and villages:

Table 5. Villages scheduled for new Wastewater Treatment Plants

Village	Capacity in Population Equivalent
Ardmore	3,377 p.e
Ballyduff/Kilmeaden	1,098 p.e
Cappoquin	2,556 p.e.
Dunmore East	8,314 p.e.
Kilmacthomas	1,902 p.e.
Stradbally	1,185 p.e.
Tallow	2,527 p.e.

The contract has been progressed to the Contract Document Stage and these documents have been submitted to the DoEHLG for approval in accordance with the requirements of Circular L5/09, subject to the required Foreshore Licences being issued by the Department of Agriculture, fisheries and Food. Current estimate is that construction of this contract will commence in mid-2011.

Thus, while continued population growth promoted in the Draft County Development Plan could give rise to deteriorating water quality standards it is considered the provisions of the 2007 Waste Water Discharge Regulations and priority scheme for the Water Services Investment Programme laid out in Circular L6/09 will set out to address any existing future deficiencies in the infrastructure required to service this growth.

A de-zoning of approximately 108 ha involving 14 settlements and a further de-zoning of 133 ha in other settlements was proposed in the review of the current County Development Plan 2005-2011. Thus, a total of 241 ha of dezoned land was proposed reducing the area of undeveloped zoned land from 800ha to 559 ha. Mitigation for water quality issues will be further addressed by policies in the Draft County Development Plan phasing further development until the appropriate level of capacity has been supplied and that the required waste water treatment infrastructure be in place prior to new development (INF 2 & DM 10.6).

5.2.2 Development Policies and Objectives

Potential impacts on the Natura 2000 network from all policies and development objectives in the Draft County Development Plan and subsequent proposed amendments were assessed. Appendix 1 details amendments proposed to those policies and objectives found to have potential for impacts. Appendix 2 details the assessment of zoning amendments proposed following public consultation and consideration of the Manager's Report. While some policies set a framework for future development that may impact on SACs/SPAs, the strategic nature of the policy may not contain sufficient detail to accurately assess the significance of the impact and thus it is considered that the impacts will be more appropriately assessed at project level if and when that project is progressed. Amendments were accordingly proposed to ensure any development objectives and policies that could impact on SACs/SPAs are screened for appropriate assessment where relevant and progressed in compliance with Article 6 of the Habitats Directive. The importance of maintaining ecological connectivity between sites and opportunities to enhance biodiversity are also recognised by inclusion of reference in some policies to compliance with Article 10 of the Habitats Directive.

Any potential impacts at project level should also be mitigated by the range of policies contained in Section 8 of the Draft County Development Plan relating to Natural Heritage.

6. Impacts on Natura sites within 15km of County Waterford

There are 3 Natura 2000 sites located within 15km of County Waterford. All the River SACs within the county (Blackwater, Lower River Suir, Barrow and Nore,) traverse the county boundary with Counties Cork, South Tipperary, Waterford City and Kilkenny. No significant impacts arising from the Draft County Development Plan are anticipated upstream in these river corridors. Other Natura 2000 sites within 15km of the county's boundary are self-contained habitats that will not be directly affected by policies in the Draft County Development Plan.

7. Conclusion

A Habitats Directive Screening Assessment was carried out on the Draft County Development Plan for County Waterford 2011-2017 and proposed material amendments to the plan following public consultation and consideration of Manger's Report. Preparation of the assessment involved consultation with the NPWS Regional Ecologist to identify general issues of concern for conservation in the county and screening of policies and objectives at Pre-Draft Plan stage. A review of conservation objectives and threats to site integrity for the range of Natura 2000 in the county was undertaken to identify sites that may be impacted by policies/objectives in the Draft County Development Plan. Zoned settlements that are located adjacent to river and coastal SACs and SPAs were considered to be the key areas for assessment. Pressure topics such as waste water treatment were assessed for their impacts on SACs and SPAs such as Dungarvan Bay, Lower River Suir, Nore and Barrow, River Blackwater, Helvick Head and the Mid-Waterford Coast. The assessment found that adequate waste water treatment is the key issue to be addressed.

Screening for impacts on Annex II species occurring within the county was also carried out. All these species are water dependant species and thus, protecting the habitat in which they occur will by association enable protection of their conservation status. Conservation status for the Killarney Fern and River Lamprey is considered good.⁵ Species such as the Freshwater Pearl Mussel are already the subject of a range of environmental targets laid out in Sub-Basin Catchment Plans and Program of Measures under the Water Framework Directive. These targets involve participation by local authorities and thus it is not considered that there are additional impacts arising from policies in the Draft County Development Plan that will exacerbate these impacts. Species such as Salmon, Crayfish, Twaite Shad and Otter are considered to hold bad and poor conservation status reflecting the need to address water pollution and management of riparian zones. These issues will be addressed by the River Basin District Management Plans and 2009 Surface Water Regulations.

⁵ The Status of EU Protected Habitats and Species in Ireland (DoEHLG 2008)

The Draft County Development Plan and AA Screening Report were made available for public consultation from 23rd February 2010 until 4th May 2010. One submission on the AA Screening Report was received from the Department of Environment, Heritage and Local Government (DoEHLG).

Material Amendments proposed to the Draft County Development Plan including amendments to existing policies and insertion of additional policies, objectives and zonings were screened for AA (Appendix 2). The AA Screening did not identify any significant adverse impacts arising from the amended or additional policies and objectives contained in the Draft County Development Plan subject to AA being carried out as required at project level. Any policies /objectives that may impact on Natura 2000 sites will be subject to policy 8.19 on Appropriate Assessment in the Draft County Development Plan in keeping with the requirements of Articles 6(3) and 6(4) of the Habitats Directive and Section 177(v) of the Planning and Development Act 2000 as amended.

With regard to proposed zoning amendments, zonings directly affecting Natura 2000 sites were recommended to be excluded e.g. Bunmahon tourism zoning which included zoning of lands within the Mid-Waterford Coast SPA as it may have implications for the Conservation Objectives of the designated site. Other proposed zonings adjacent to SACs/SPAS implied a requirement to carry out AA screening at the project level to ensure no impacts on the conservation objectives for those sites.

Proposed Material Amendments to the Draft Plan and AA Screening Report were made available for public consultation from 27th October 2010 until 24th November 2010. One submission on the AA Screening Report was received from the Department of Environment, Heritage and Local Government (DoEHLG).

The findings of the AA Screening Report were considered and used to inform adoption of the final plan. The recommendation to exclude the Bunmahon tourism zoning affecting the mid-Waterford Coast SPA was accepted.

It is considered the plan as adopted will not have an adverse effect on the integrity of Natura 2000 sites in the county. Any future plans or projects arising from the Plan and that may impact on Natura 2000 sites within the county will be subject to an appropriate assessment in compliance with Article 6 of the Habitats Directive, Section 177(v) of the Planning and Development Act 2000 as amended and as per policy 8.20 in the County Development Plan.

This assessment should be read in conjunction with the County Development Plan 2011-2017 and the accompanying Environmental Report prepared in fulfilment of the SEA process.

Appendix 1. Amendments made to Development Plan policies and objectives following Public Consultation on Draft County Development Plan 2011-2017 and consideration of Manager’s Report.

Reference No.	Draft Co. Development Plan Policy 2011-2017	Proposed Amended Policy following screening of Draft Plan	Amended policy following public consultation and review of submissions
Policies			
SS1, H1, INF3,INF6,INF21,INF24,,N H1,	These policies relate to support of policies contained in other policy, strategy and guideline documents published by other bodies	Section 1.3 in Chapter 1 to include the following “The strategic nature of many of the policies and objectives contained in this plan will require an Appropriate Assessment screening to be carried out at individual plan and project level to ensure there is no negative impact on the integrity and conservation objectives of Natura 2000 sites and that the requirements of Articles 6 3) and 6(4) of the EU Habitats Directive are fully satisfied. Support of policies contained in other policy/strategy and guidelines documents shall be subject to AA screening where required prior to implementation by the local authority.	Section 1.3 in Chapter 1 to include the following “The strategic nature of many of the policies and objectives contained in this plan will require an Appropriate Assessment screening to be carried out at individual plan and project level to ensure there is no negative impact on the integrity and conservation objectives of Natura 2000 sites and that the requirements of Articles 6 3) and 6(4) of the EU Habitats Directive are fully satisfied. Support of policies contained in other policy/strategy and guidelines documents shall be subject to AA screening where required prior to implementation by the local authority
SS7	Where appropriate, to facilitate and redirect development into areas identified as being of risk of population decline in ways that do not degrade the landscape, or wildlife habitats	Where appropriate, to facilitate and redirect development into areas identified as being of risk of population decline in ways that do not degrade the landscape, or wildlife habitats	Where appropriate, to facilitate and redirect development into areas identified as being of risk of population decline in ways that do not adversely affect the landscape, water quality or wildlife habitats
SS8	To facilitate proposals for permanent residential and appropriate holiday home development in order to tackle declining population levels in ways that do not degrade the landscape, or wildlife habitats. The Council will monitor the effectiveness of this policy over the plan period so as to avoid excessive levels of, or inappropriately located,	To facilitate proposals for permanent residential and appropriate holiday home development in order to tackle declining population levels in ways that do not degrade the landscape, or wildlife habitats. The Council will monitor the effectiveness of this policy over the plan period so as to avoid excessive levels of, or inappropriately located,	To facilitate proposals for permanent residential and appropriate holiday home development in order to tackle declining population levels in ways that do not adversely affect the landscape, water quality or wildlife habitats. The Council will monitor the effectiveness of this policy over the plan period so as to avoid excessive levels of, or

	development.	development.	inappropriately located, development.
ECD10	To ensure that the development of the strategic zoned lands at Butlerstown (Waterford Knowledge Campus), Coolnamuck (Bio-technology Park), Kilmeadan (Masterplan area) Dungarvan and Waterford Regional Airport are carried out in accordance with a Master Plan to be agreed with the Planning Authority. Any such master plan shall comply with the relevant policies and development management standards set out in Chapter 9 of this Plan.	To ensure that the sustainable development of the strategic zoned lands at Butlerstown (Waterford Knowledge Campus), Coolnamuck (Bio-technology Park), Kilmeadan (Masterplan area) Dungarvan and Waterford Regional Airport are carried out in accordance with a Master Plan to be agreed with the Planning Authority. Any such master plan shall comply with the relevant policies and development management standards set out in Chapter 9 of this Plan and where required will be subject to an Appropriate Assessment in compliance with Article 6 of the Habitats Directive.	To ensure that the sustainable development of the strategic zoned lands at Butlerstown (Waterford Knowledge Campus), Coolnamuck (Bio-technology Park), Kilmeadan (Masterplan area) Dungarvan and Waterford Regional Airport are carried out in accordance with a Master Plan to be agreed with the Planning Authority. Any such master plan shall comply with the relevant policies and development management standards set out in Chapter 9 of this Plan and where required will be subject to an Appropriate Assessment in compliance with Article 6 of the Habitats Directive.
ECD12	To facilitate the appropriate expansion of existing employment /industrial uses in Local Service Centres and settlement nodes and to support the development of small scale employment uses on appropriately zoned land within these settlements to provide sustainable local employment subject to meeting the development standards as set out in Chapter 10 of this Plan.	To facilitate the appropriate expansion of existing employment /industrial uses in Local Service Centres and settlement nodes and to support the sustainable development of small scale employment uses on appropriately zoned land within these settlements to provide sustainable local employment subject to meeting the development standards as set out in Chapter 10 of this Plan.	To facilitate the appropriate expansion of existing employment /industrial uses in Local Service Centres and settlement nodes and to support the sustainable development of small scale employment uses on appropriately zoned land within these settlements to provide sustainable local employment subject to meeting the development standards as set out in Chapter 10 of this Plan.
ECD13	To support and facilitate, where possible, appropriate rural development subject to the Development Control Standards as set out in Chapter 10 of this Plan.	To support and facilitate, where possible, appropriate and sustainable rural development subject to the Development Control Standards as set out in Chapter 10 of this Plan.	To support and facilitate, where possible, appropriate and sustainable rural development including the provision of farmers markets subject to the Development Control Standards as set out in Chapter 10 of this Plan.
ECD21	It is the policy of the Council to facilitate the expansion of tourist activities in appropriate locations where they can be supported by, and provide support for, existing communities. In all cases, development	It is the policy of the Council to facilitate the expansion of tourist activities in appropriate locations where they can be supported by, and provide support for, existing communities. In all cases, development	It is the policy of the Council to facilitate the expansion of tourist activities in appropriate locations where they can be supported by, and provide support for, existing communities. In all cases, development

	will be required to comply with key sustainable tourism principals and the development management standards as set out in Chapter 9 of this Plan.	will be required to comply with key sustainable tourism and environmental principles and the development management standards as set out in Chapter 9 of this Plan.	will be required to comply with key sustainable tourism and environmental principles and the development management standards as set out in Chapter 9 of this Plan.
ECD OBJ4	To facilitate, as the opportunity arises, the development/enhancement of tourist trails and designated walking and cycling paths throughout County Waterford. The Council shall also encourage the development of off-road cycling at appropriate locations	To facilitate, as the opportunity arises, the development/enhancement of tourist trails and designated walking and cycling paths that do not cause landscape or environmental degradation throughout County Waterford. The Council shall also encourage the development of off-road cycling at appropriate locations	To facilitate, as the opportunity arises, the sustainable development/enhancement of tourist trails and designated walking and cycling paths that do not cause landscape or environmental degradation throughout County Waterford. The Council shall also encourage the development of off-road cycling at appropriate locations
PROPOSED MATERIAL AMENDMENT ADDITIONAL POLICY under Section 6.13			The council supports the protection and sustainable development of coastal walkways in the interest of providing access to coastal heritage and scenic landscapes subject to compliance with Articles 6 and 10 of the Habitats Directive
ECD OBJ5	To support and facilitate, where possible, the appropriate development of the Comeragh Mountains Area as a national amenity with associated tourism related accommodation and activities	To support and facilitate, where possible, the appropriate development of the Comeragh Mountains Area as a national amenity with associated tourism related accommodation and activities that do not cause landscape or environmental degradation	To support and facilitate, where possible, the appropriate development of the Comeragh Mountains Area as a national amenity with associated tourism related accommodation and activities that do not cause landscape or environmental degradation and avoid adverse effects on the designated sites in the area
ECD22	To develop the marine leisure sector on the County in a coherent and sustainable manner, including the development of marinas, improvement of quays and slipways and enhanced interpretation and safety.	To develop the marine leisure sector on the County in a coherent and sustainable manner, including the development of marinas, improvement of quays and slipways that do not cause landscape or environmental degradation and enhanced interpretation and safety.	To develop the marine leisure sector on the County in a coherent and sustainable manner, including the development of marinas, water sport based activities, improvement of quays and slipways that do not cause landscape or environmental degradation and enhanced interpretation and safety.
ECD	To identify and develop	To identify and develop	To identify and develop

OBJ6	visitor trails to promote the landscape heritage, demesnes and great gardens open to the public and promoting accessible sites of industrial heritage in the county.	visitor trails where appropriate to promote the landscape heritage, demesnes and great gardens open to the public and promoting appropriate accessible sites of industrial heritage in the county.	visitor trails where appropriate to promote the landscape heritage, demesnes and great gardens open to the public and promoting appropriate accessible sites of industrial heritage in the county.
ECD24	To support the development of appropriately located Integrated Rural Tourism and Recreational Complexes which add to the amenity value and tourism potential of the County and are in accordance with the development standards set out in Chapter 10 and Appendix A8.	To support the development of appropriately located Integrated Rural Tourism and Recreational Complexes which add to the amenity value and tourism potential of the County and are in accordance with the development standards set out in Chapter 10 and Appendix A8. Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of any Natura 2000 site located at or adjacent to a proposed site for an IRTRC development and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully satisfied.	To support the sustainable development of appropriately located Integrated Rural Tourism and Recreational Complexes which add to the amenity value and tourism potential of the County and are in accordance with the development standards set out in Chapter 10 and Appendix A8 and meet requirements of EIA and Natural Habitat Regulations. Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of any Natura 2000 site located at or adjacent to a proposed site for an IRTRC development and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully satisfied.
ECD25	To support the development of appropriately scaled holiday home/ second home developments within existing settlements or on tourism zoned lands or in association with IRTRC policy (appendix A8) in accordance with the Settlement Strategy set out in Chapter 3 or the Rural Tourism policy.	To support the sustainable development of appropriately scaled holiday home/ second home developments within existing settlements or on tourism zoned lands or in association with IRTRC policy (appendix A8) in accordance with the Settlement Strategy set out in Chapter 3 or the Rural Tourism policy.	To support the sustainable development of appropriately located Integrated Rural Tourism and Recreational Complexes which add to the amenity value and tourism potential of the county and are in accordance with the development standards set out in Chapter 10 and Appendix A8 and meet requirements of EIA and Natural Habitats Regulations. Screening for Appropriate Assessment will be carried out where

			required to ensure there is no negative impact on the integrity (defined by the structure, function and conservation objectives) of any Natura 2000 site located at or adjacent to a proposed site for an IRTRC development and that the requirements of Articles 6(3) and (4) of the EU Habitats Directive 92/43 are fully satisfied
ECD26	To consider the provision of caravan and camping sites at suitable locations where they are consistent with the Settlement Strategy for the County and to ensure a high standard of layout, design, landscaping and amenity in such proposals.	To consider the provision of caravan and camping sites at suitable locations where they do not cause landscape or environmental degradation and are consistent with the Settlement Strategy for the County and to ensure a high standard of layout, design, landscaping and amenity in such proposals.	To consider the provision of caravan and camping sites at appropriate locations where they do not cause landscape or environmental degradation and are consistent with the Settlement Strategy for the County and to ensure a high standard of layout, design, landscaping and amenity in such proposals.
ECD27	To support and facilitate the mineral and aggregate extractive industry where such operations do not have a detrimental environmental effect on other majority land uses in the area of the extraction.	To support and facilitate the mineral and aggregate extractive industry where such operations do not have a detrimental environmental effect on other majority land uses in the area of the extraction and do not adversely affect European Conservation Sites.	To support and facilitate the mineral and aggregate extractive industry where such operations do not have a detrimental environmental effect on other majority land uses or designated or proposed conservation sites in the area of the extraction and do not adversely affect European Conservation Sites.
ECD28	To support and co-operate with the appropriate development agencies in the provision of vital infrastructure for forestry, fisheries and aquaculture activity.	To support and co-operate with the appropriate development agencies in the provision of vital infrastructure for forestry, fisheries and aquaculture activity in accordance with policies and objectives of this plan.	To support and co-operate with the appropriate development agencies in the provision of vital infrastructure for forestry, fisheries and aquaculture activity in accordance with policies and objectives of this plan.
INF2			Footnote to policy INF 2 The need for an upgrade of the WWTP and associated wastewater infrastructure is recognised in this plan especially to avoid adverse effects on the Freshwater Pearl Mussel population in the River Clodiagh and the Council will endeavour

			to obtain priority status for these works.
PROPOSED MATERIAL AMENDMENT ADDITIONAL OBJ under Section 7.11 Waterford Airport			To assist the future expansion of services and routes at the Airport, the Council support the lengthening and widening of the runway, subject to compliance with proper planning and sustainable development and in compliance with Article 6 of the Habitats Directive
INF13	To improve access to, and support the continued development of all piers and harbours within the County for both commercial and recreational purposes.	To improve access to, and support the continued sustainable development of all piers and harbours within the County for both commercial and recreational purposes.	To improve access to, and support the continued sustainable development of all piers and harbours within the County for both commercial and recreational purposes
INF14	To encourage the creation of cycle and pedestrian friendly communities through the provision of cycle paths and other initiatives to curtail the dependency on private motor vehicles whilst seeking to minimise the depletion of the hedgerow resource that could potentially arise from cyclepath provision.	To encourage the sustainable creation of cycle and pedestrian friendly communities through the provision of cycle paths and other initiatives to curtail the dependency on private motor vehicles whilst seeking to minimise the depletion of the hedgerow resource that could potentially arise from cyclepath provision.	To encourage the sustainable creation of cycle and pedestrian friendly communities through the provision of cycle paths and other initiatives to curtail the dependency on private motor vehicles whilst seeking to minimise the depletion of the hedgerow resource that could potentially arise from cyclepath provision.
PROPOSED MATERIAL AMENDMENT ADDITIONAL OBJECTIVE IN SECTION 7.16			To investigate over the lifetime of the plan suitable areas for the impoundment of surface water for the future provision of water supplies. Reservoir impoundment shall generally be favoured in agricultural/greenbelt lands or on other land uses which the Planning Authority may deem suitable in accordance with policies and objectives of this plan.
INF17	To secure the development of the priority wastewater treatment and water supply schemes in the Water Services Investment Programme 2007-2009 during the lifetime of the Plan.	To secure the sustainable development of the priority wastewater treatment and water supply schemes in the Water Services Investment Programme 2007-2009 during the lifetime of the Plan.	To secure the sustainable development of the priority wastewater treatment and water supply schemes in the Water Services Investment Programme 2007-2009 during the lifetime of the Plan.
INF18	To continue to work with the National Parks and Wildlife Service to	To continue to work with DoEHLG Water Services to research the	To continue to work with DoEHLG Water Services to research the

	research the use and potential further development of Integrated Constructed Wetlands in the Anne Valley and in other appropriate locations throughout the County and to support the development of wetlands at such locations.	use and potential further sustainable development of Integrated Constructed Wetlands in the Anne Valley and in other appropriate locations throughout the County and to support the development of wetlands at such locations.	use and potential further sustainable development of Integrated Constructed Wetlands in the Anne Valley and in other appropriate locations throughout the County and to support the development of wetlands at such locations.
PROPOSED MATERIAL AMENDMENT ADDITIONAL OBJECTIVE IN SECTION 7.23 ENERGY			To support the development of hydro electricity in appropriate areas of the County. Hydroelectric plants shall generally be favoured in agricultural /greenbelt lands or on other land uses which the Planning Authority may deem suitable in accordance with policies and objectives of this plan.
INF26	To support and facilitate the future expansion of the natural gas pipeline grid and the electricity supply networks (including overhead infrastructure) in appropriate areas of the County.	To support and facilitate the future expansion of the natural gas pipeline grid and the electricity supply networks (including overhead infrastructure) in appropriate areas of the County subject to the policies and objectives contained in this plan	To facilitate improvements in energy infrastructure and encourage the expansion of the infrastructure at appropriate locations within the County. To support and facilitate the future expansion of the natural gas pipeline. To facilitate, where appropriate, future alternative renewable energy developments throughout the County that are located in close proximity to the National Grid improvements so as to minimize the length and visual impact of grid connections. To collaborate with EirGrid in accordance with the Grid 25 Strategy to facilitate the delivery of quality connection, transmission and market services to electricity generators, suppliers and customers utilizing the high voltage electricity system at appropriate

			locations within County Waterford subject to the policies and objectives contained in this plan
ENV5	It is a policy of the Council to comply with the Surface Water Regulations.	It is a policy of the Council to comply with the 2009 Surface Water Regulations.	It is a policy of the Council to comply with the 2009 Surface Water Regulations, Waste Water Discharge Regulations (2007), Urban Waste Water Treatment Regulations (2004) and EPA Code of Practise for Wastewater Treatment and Disposal Systems serving Single Houses (2009).
ENV 7	To promote and facilitate the use of wind energy in the County and to ensure all wind energy developments comply with the Waterford County Wind Energy Strategy and the DoEHLG guidance document on Wind Energy.	To promote and facilitate the use of wind energy in the County and to ensure all wind energy developments comply with the Waterford County Wind Energy Strategy and the DoEHLG guidance document on Wind Energy. Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of any Natura 2000 site located at or adjacent to proposed site for wind energy development and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully satisfied.	To promote and facilitate the sustainable development and use of wind energy in the County and to ensure all wind energy developments comply with the Waterford County Wind Energy Strategy and the DoEHLG guidance document on Wind Energy. Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of any Natura 2000 site located at or adjacent to proposed site for wind energy development and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully satisfied. The Planning Authority shall have regard to the possible visual impacts of a wind farm development on towns and villages outside of the administrative area of Waterford County Council in the assessment of wind energy applications.
PROPOSED MATERIAL AMENDMENT			It is an objective of the Council to comply with Article 6 of the Habitats Directive at each level of the development planning process from County Development Plan, and Local Area
ADDITIONAL OBJECTIVE UNDER SECTION 8.19 Appropriate Assessment			

			Plan to project level to ensure there is no significant adverse impact on the integrity of Natura 2000 sites and that the requirements of Articles 6(3) and 6(4) of the Habitats Directive are fully satisfied.
NH6	To assess all development proposals that are likely to impact (directly or through indirect or cumulative impacts) on sites designated or proposed for nature conservation and protected species in accordance with the relevant legislation	To assess all development proposals that are likely to impact (directly or through indirect or cumulative impacts) on sites designated or proposed for nature conservation and protected species in accordance with the relevant legislation	To assess all development proposals that are likely to impact (directly or through indirect or cumulative impacts) on sites designated or proposed for nature conservation and protected species in accordance with the relevant legislation
PROPOSED MATERIAL AMENDMENT ADDITIONAL OBJECTIVE UNDER SECTION 8.19 Appropriate Assessment			To ensure a sufficient level of information is provided in development applications to enable a comprehensive screening for Appropriate Assessment to be undertaken and to enable a fully informed assessment of impacts on biodiversity to be made ecological impact assessments submitted in support of development proposals shall be carried out by appropriately qualified professionals and ecological survey work carried out at optimal survey time to ensure accurate collation of ecological data.
NH 26	To develop the Comeragh Area into a national amenity and to promote the heritage and recreational features of the area for all users while conserving its natural habitats, archaeology and landscape and as a sustainable area for the local community.	To develop the Comeragh Area into a national amenity and to promote the heritage and recreational features of the area for all users while conserving its natural habitats, flora, fauna, archaeology and landscape and as a sustainable area for the local community.	To develop the Comeragh Area into a national amenity and to promote the heritage and recreational features of the area for all users while conserving its natural habitats, protected species, flora, fauna, archaeology and landscape and as a sustainable area for the local community.
BH1	It is a policy of the Council to protect the	It is a policy of the Council to protect the	It is a policy of the Council to protect the

	Built Heritage and to encourage sensitive development or reuse of buildings to promote economic growth and regeneration.	Built Heritage and to encourage sensitive development or appropriate reuse of buildings to promote economic growth and regeneration.	Built Heritage and to encourage sensitive development or appropriate reuse of buildings to promote economic development and regeneration.
BH 4	It is the policy of the Council to promote sympathetic reuse of structures. Proposed works to accommodate such change of use shall not detract from the building and the new use shall make a positive contribution to the character of the building/streetscape or setting.	It is the policy of the Council to promote sympathetic reuse of structures. Proposed works to accommodate such change of use shall not detract from the building or not adversely damage or disturb protected species and the new use shall make a positive contribution to the character of the building/streetscape or setting.	It is the policy of the Council to promote sympathetic reuse of structures. Proposed works to accommodate such change of use shall not detract from the building or not adversely damage or disturb protected species and the new use shall make a positive contribution to the character of the building/streetscape or setting.
Appendices			
Appendix A7	Waterford Regional Airport Masterplan	Waterford Airport Masterplan to include the following under section 1.7.3 “An Appropriate Assessment will be carried out at project level to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of the Natura 2000 site at Tramore Dunes and Backstrand and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully satisfied.”	Waterford Airport Masterplan to include the following under section 1.7.3 “An Appropriate Assessment will be carried out at project level to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of the Natura 2000 site at Tramore Dunes and Backstrand and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully satisfied.”
Appendix A8	Integrated Rural Tourism Recreational Complexes	Include the following under sections A8.3 and A8.8.1; “Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of any Natura 2000 site located at or adjacent to a proposed site for an IRTRC development and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully	Include the following under sections A8.3 and A8.8.1; “Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of any Natura 2000 site located at or adjacent to a proposed site for an IRTRC development and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully

		satisfied.” A8.10 to include amendment as follows “Assessment of the impact of the proposed development on the natural heritage of the site. This may include a tree survey and flora and fauna survey. “Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of any Natura 2000 site located at or adjacent to a proposed site for an IRTRC development and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully satisfied.”	satisfied.” A8.10 to include amendment as follows “Assessment of the impact of the proposed development on the natural heritage of the site. This may include a tree survey and flora and fauna survey. “Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of any Natura 2000 site located at or adjacent to a proposed site for an IRTRC development and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully satisfied.”
Appendix A9	Wind Energy Strategy	County Development Plan Policy ENV 7 to include the following “Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of any Natura 2000 site located at or adjacent to proposed site for wind energy development and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully satisfied.”	County Development Plan Policy ENV 7 to include the following “Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity (defined by the structure and function and conservation objectives) of any Natura 2000 site located at or adjacent to proposed site for wind energy development and that the requirements of Articles 6 (3) and (4) of the EU Habitats Directive 92/43/EEC are fully satisfied.”
			Wind Energy classification for River Clodiagh catchment to be amended from Preferred to Open for Consideration
Development Objectives			
Ballyduff West DO2	It is an objective of the Council to protect and promote the amenity of the River Blackwater and enhance existing access to the riverbank	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative

		impact on the integrity of the River Blackwater SAC”	impact on the integrity of the River Blackwater SAC”
Ballymacarbry DO₃	It is an objective of the Council to protect and promote the amenity of and pedestrian access to the river bank and encourage the development of public walkways, riverside parks and routes.	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative impact on the integrity of the Nire Valley SAC”	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative impact on the integrity of the Nire Valley SAC”
Cappoquin DO2	It is an objective of the Council to protect and promote the amenity and pedestrian access to the river Blackwater and enhance existing public walkways and riverside routes.	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative impact on the integrity of the River Blackwater SAC”	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative impact on the integrity of the River Blackwater SAC”
Clonmel Environs DO4 (V)	Provide a network of linear parks throughout the masterplan area, notably along the southern bank of the River Suir, through Dudley Mills site and at Croan lower. A high degree of permeability shall be provided throughout the site.	Insert additional text at end as follows “Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity of the River Suir SAC”	Insert additional text at end as follows “Screening for Appropriate Assessment will be carried out where required to ensure that there is no negative impact on the integrity of the River Suir SAC”
Lismore DO3	It is an objective of the Council to protect and promote the amenity and pedestrian access to the river bank and enhance/provide public walkways, riverside parks and routes.	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative impact on the integrity of the River Blackwater SAC”	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative impact on the integrity of the River Blackwater SAC”
Portlaw DO4	It is an objective of the Council to protect and promote the amenity and pedestrian access to the river bank and enhance public walkways and riverside routes, as the opportunity arises .	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative impact on the integrity of the River Clodiagh SAC”	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative impact on the integrity of the River Clodiagh SAC”
VillierstownDO2	It is an objective of the Council to protect and promote the amenity and pedestrian access to the river bank and enhance existing public walkways, riverside parks and routes.	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative impact on the integrity of the River Blackwater SAC”	Insert additional text at end as follows “ subject to compliance with Articles 6 and 10 of the Habitats Directive and ensuring no negative impact on the integrity of the River Blackwater SAC”

Appendix 2. AA screening of Proposed Material (Zoning) Amendments to Draft County Development Plan 2011-2017

Proposed Amendment	Proximity to Natura 2000 site	Potential for Significant impact	Recommendation
Ardmore Lands at Farrangarret Include 5.1 ha of R1 and 5.1 ha of R3 to north of L-6036 and south of R-673	1.5km from Ardmore Head SAC	Wastewater to be upgraded under the 7 villages scheme (anticipated 2013)	No significant impact implied for coastal heath and vegetated sea cliffs in SAC or conservation objectives for this site
Ballylaneen Rezone 1.21 ha from agriculture to Residential Rezone 0.1 ha of agricultural land as Town Centre	3km away from Mid-Waterford Coast SPA	No implications for Natura 2000 sites	No implications for Natura 2000 sites
Bunmahon Re-zone 1.5 acres of lands for Tourism	Subject lands partly within lands designated under the Mid Waterford Coast SPA	Future development will be required to be assessed under Appropriate Assessment	Zoning of lands within SPA not recommended as implications for Conservation Objectives for SPA Exclude SPA from zoning ⁶
Carrick on Suir Rezone 0.25 ha of green belt for agriculture	3km away from River Suir SAC	No impact on conservation objectives for SAC	No impact on conservation objectives for SAC
Cheekpoint Include 2.4 ha of R2 residential lands in south of settlement and east of L-4082 road.	Adjacent to Waterford Estuary SAC	Awaiting provision of WWTP	Application of R2 to zoning is appropriate until adequate WWTP available
Clonea Power Re-zone 1.8 ha in Ballyneal for Institutional purposes	1.5km away from River Clodiagh/River Suir SAC	Development in Clonea Power will be required to be subject to AA at project level to ensure no adverse impacts on status of River Clodiagh and FPM catchment	Development in Clonea Power will be required to be subject to AA at project level to ensure no adverse impacts on status of River Clodiagh and FPM catchment
Dungarvan Environs Duckspool Re-zone 3.37 ha from Institutional, Educational and Community to R1 Residential	300m from Dungarvan Harbour SPA	Waste Water Treatment has adequate capacity	No significant impact implied for conservation objectives for Dungarvan Harbour SPA
Lands at Water's Edge, Knockateemore, Zone 0.53 ha as Residential R1	Adjacent to Dungarvan Harbour SPA	Waste Water Treatment has adequate capacity	No significant impact implied for conservation objectives for Dungarvan Harbour SPA
Gold Coast Road Removal of Green Belt strip from Barnawee Bridge to Gold Coast Hotel	Adjacent to Dungarvan Harbour SPA	This coastal strip has been built on extensively already	Boundary demarcation amendment will not imply adverse impacts for Dungarvan Harbour SPA

⁶ This recommendation was accepted prior to adoption of the plan by Waterford County Council on 14th February 2011

Ballinure Zone 19.23 ha from Green Belt to Residential R3	500m from SPA	Provides buffer zone to Dungarvan Harbour SPA Current Waste Water Treatment has capacity. Future Development of this area will be required to be assessed under Appropriate Assessment	Application of R3 to zoning is required to ensure continued adequate WWTP capacity will be available. Future development of this area will be required to be screened for Appropriate Assessment
Ballynacourty, Clonea Strand Extend Green Belt by .5 acre in Open Space	Adjacent to Dungarvan Bay SPA	No impact on conservation objectives for SAC	No impact on conservation objectives for SAC
Military Road Include 393 ha of agricultural zoning from Greenbelt to the north of the N72 Military Road	400m from Dungarvan Harbour SPA	Provides buffer zone to Dungarvan Harbour SPA Amended zoning facilitates potential increase in rural housing applications	Future development of this area will be required to be Screened for Appropriate Assessment and cumulative impacts monitored
Ballinroad Amend zoning from R3 to R1 on .72 ha north of the junction on the R675 and L3012	Adjacent to Dungarvan Harbour SPA	Treatment Plant in Ballinroad at capacity with plans to connect to Dungarvan WWTP under the current WSIP	Future development will be required to be screened for Appropriate Assessment and as capacity of WWTP allows
Burgery Zone 2.54 ha from Residential to Special Use north of the N25 junction with the L-3168	800m from Dungarvan Harbour SPA	Waste Water Treatment has adequate capacity	No significant impact implied for conservation objectives for Dungarvan Harbour SPA
Dunmore East West of Foilakippen Hill zone 3ha of lands from Open Space to Tourism	3.5 km downstream from Waterford Estuary SAC WWTP planned for 2013 under the 7 villages scheme	No significant impact on conservation objectives for Waterford Estuary SAC	No significant impact on conservation objectives for Waterford Estuary SAC
Killea Parochial House Zone .11 ha from Residential to Institutional, Educational and Community	3.5 km downstream from Waterford Estuary SAC	No impact on conservation objectives for Waterford Estuary SAC	No impact on conservation objectives for Waterford Estuary SAC
Kilmacthomas Zone .7 ha east of the GAA pitch and south of the old mil building from Open Space to R1 Residential	No implications for Natura 2000 sites	No implications for Natura 2000 sites	No implications for Natura 2000 sites
Kilmacthomas Zone .12 ha adjacent to Telecom Station from Open Space to R1 Residential	No implications for Natura 2000 sites	No implications for Natura 2000 sites	No implications for Natura 2000 sites

Knockanore Lands to south and east of church to be zoned as Institutional	1.5km from River Blackwater SAC	No implications for Natura 2000 sites	No implications for Natura 2000 sites
Passage East Carrickannuigh Include .17 ha of R1 Residential lands to the west of the L-4076 road	300m from Waterford Estuary SAC	Limited WWTP capacity	No significant impact on conservation objectives for Waterford Estuary SAC provided development is within receiving capacity of existing WWTP.
Piltown Change zoning from R3 to R1	230m from Blackwater River SAC	Limited WWTP capacity in Piltown	Future development will be required to be screened for Appropriate Assessment and as capacity of WWTP allows
Portlaw Maher Coal Yard	Adjacent to River Clodiagh /River Suir SAC	No significant impact for Natura 2000 sites	No significant impact for Natura 2000 sites
Stradbally Woodehouse Estate- Equestrian Centre of Excellence	Adjacent to Mid Waterford Coast SPA	Zoning north of coastal road should not imply significant impacts for Natura 2000 site.	Zoning north of coastal road should not imply significant impacts for Natura 2000 site.
Stradbally Re-zone 2.76 ha from Residential R2 to R1 1	No significant implications for Natura 2000 sites	No implications for Natura 2000 sites	No implications for Natura 2000 sites
Touraneena- Additional strip of residential zoning along the road frontage to south of existing dwelling	500m from River Blackwater SAC and adjacent to Tooraneena Glen	Tooraneena Glen provides Buffer and Green Corridor to SAC Site. Existing constructed wetland wastewater treatment system is at capacity	Future development will be required to be screened for Appropriate Assessment
Villierstown Amend .8 ha from R3 to R1	100m from River Blackwater SAC	Future development will be required to be screened for Appropriate Assessment	Future development will be required to be screened for Appropriate Assessment
Waterford Airport Additional 5.34 ha of light industry adjacent to Airport Area.	1.5 km from Tramore Dunes Backstrand	Section 1.7.3 in Appendix A7 Waterford Airport Regional Masterplan applies	Future development will be required to be screened for Appropriate Assessment as per Section 1.7.3 in Appendix A7.

Appendix 3. Population and waste water treatment and water supply status of residentially zoned land in Towns and Villages

Legend

Limited- virtually all supplies are limited at source and based on wells. Works would be required to increase availability. Need to assess individually.

Sufficient- Need to watch location for pressure, pipe sizes

Restricted – May be possible to allow individual single house connection- subject to available capacity. These are schemes that have suffered shortages.

None- Applies like deficient, borderline supplies

Available Units

5- Only connect single houses for connection

10- Small scale development considered may need system upgrade to accommodate

20- More availability but needs an assessment or may need infrastructure.

WSIP- Water Services Investment Programme

Settlement	Env Capacity available - wastewater	WWTP facility	WWTP capacity	Available PE	Comments - waste water treatment	Water Supply Scheme	Availability of water - units	Source availability	Planned upgrades	Comments - Water supply
DUNGARVAN AREA										
Ardmore	yes	planned for 2013			WWTP to be provided under the 7 Villages scheme - 3377 PE planned	Local	10	limited	WSIP	Local interim measures
Baile na nGall	yes	yes	1600	650	Capacity to be shared across area incl Heibhic, Maoil na Choirne	Local	5	deficient	WSIP priority	Local interim measures
Ballinroad	Will be part of Dungarvan, awaiting confirmation of SLI for completion.					Ballinacourty	5	deficient	WSIP priority	Local interim measures on consideration
Dungarvan & Environs	Suggest orderly development where sewers are accessible					Dungarvan	100	sufficient	WSIP	Connection dependent on location and scale of development
Heilbhc	yes	yes	yes	yes	New WWTP, Heilbhc in catchment, zoned area not sewered.	Local	5	deficient	WSIP priority	Local interim measures
Maoil na Choirnigh	yes	yes	1600	600	Current network problems with pumping stations.	Local	5	deficient	WSIP priority	
Piltown	limited	wetlands	250	none	Limited PE may be possible with modifications,	Clashmore	10	limited	none	By individual assessment
Sean Phobal	limited	yes/deficient	100	none	Limited PE may be possible with modifications, stream capacity limited	Local	5	deficient	???	Possible improvement under Rural Water Grant aided scheme, additional well needed
COMERAGH AREA										
Annestown	very limited	none	none	20 locally	Limited capacity - Proposals based on	Kill Bunmahon	10	limited	none	By individual assessment

Ballyduff East	none locally	yes	none	none	merits 7 villages scheme dependant - 1098 PE planned	Local	5	limited	yes	Completion of scheme improvements under rural water scheduled for 2010
Ballymacarbry	yes	yes	used	none	Any major development needs new treatment plant.	Local	5	limited	none	By individual assessment
Bunmahon/Knockmahon	yes	yes	none	none	Public scheme in planning, likelihood uncertain	Ballyvaden	30	limited	none	By individual assessment
Clonea Power	yes	yes	none	none	Status of Clodiagh River - Restrict any further development.	Local	5	limited	???	Needs additional treatment and pumping to increase supply.
Clonmel Environs	Discharge to South Tipperary wastewater treatment facility					By application				
Dunhill	limited	yes	used	none	No further development - receiving waters currently overloaded.	Local	3	deficient	none	Dependent on proposals for permanent solutions from developers
Kill	yes	yes	500	200	Any future development should have regard to total loading on area.	Kill Bunmahon	5	limited	none	By individual assessment
Kilmacthomas	yes	planned for 2013			WWTP to be provided under the 7 Villages scheme - 1902 PE planned	Local	5	deficient	WSIP	By individual assessment
Kilmeaden	used locally	planned for 2013			WWTP to be provided under the 7 Villages scheme - 1098 PE planned	Local off EWWS	5	sufficient	???	Needs additional works and pumping to increase supply.
Lemybrien	limited	yes	180	none	Further development would necessitate major sewage works.	Local	5	limited	???	Possible additions under rural water
Portlaw	yes	yes	used	none	Additional capacity not expected under public	Local	10	limited	WSIP	No further connections until

					finances in short term					new public water supply in place
Stradbally	yes	planned for 2013			WWTP to be provided under the 7 Villages scheme - 1185 PE planned	Local	5	limited	none	Supply under strain for a number of years - limited connections
Rathgormuck	no	none	none	none	Provision of waste water facilities unlikely - no further development	Local	3	limited	none	
TRAMORE AREA										
Bawnfune	very limited	yes	150	Possibly 30	Limited development at low density only	EWWS	yes			
Cheekpoint	yes	planned	700	Possibly 300	Awaiting provision of WWTP.	Dunmore Reg.	10	yes	WSIP	Additional pipe upgrades for large developments
Crooke	yes	yes	750	Possibly 200	There is a limit to capacity with limited scope for development	Dunmore Reg.	50	yes	no	
Dunmore East	yes	planned for 2013			WWTP to be provided under the 7 Villages scheme - 8314 PE	Tramore	50	yes	WSIP	Excessive development load would cause problem in Tramore
Fenor	no	none	none	none	Suitable for limited individual wastewater treatment plants only	None	none	none	none	
Passage East	yes	yes	limited	limited	Topography limits any further development.	Dunmore Reg.	50	yes	none	Topography limits any further development.
LISMORE AREA										
Aglish	limited	yes	700	300	Restrict further development to low density/limited area limited capacity.	Aglish	10	limited	none	Dependent on proposals for permanent solutions from developer
Ballyduff West	yes	yes	none	none	Assess future development on merits of proposals	Aglish Glencairn	20	limited	WSIP	
Cappoquin	yes	planned for 2013			WWTP to be provided under the 7 Villages	LCB	20	limited	WSIP	Quality issue with water, no

					scheme - 2556 PE planned					large reserve
Clashmore	limited	yes	700	Possibly 300	Limit future development. Treatment in place will have an ultimate limit.	Local	10	limited	no	Additional wells may be considered
Knockanore	limited	none	none	none	Discharge for wastewater not readily accessible.	Local	10	limited	no	New Source needed if development proposed
Lismore	yes	yes/ deficient	none	none	Plant capacity may be available if SLI application is approved.	LCB	20	limited	WSIP	Availability is location dependant, upgrade on network parts required
Tallow	yes	planned for 2013			WWTP to be provided under the 7 Villages scheme - 2527 PE planned	Local	10?	limited	WSIP	Supply under strain for a number of years - limited connections
Touraneena	no	yes	used	none	Suitable for limited individual wastewater treatment plants only	Local	5	limited	no	
Villierstown	yes	yes	700	300	Take care with total development exceeding capacity of plant.	Local	10	limited	???	Possible improvement under Rural Water grant aided scheme, additional well needed

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