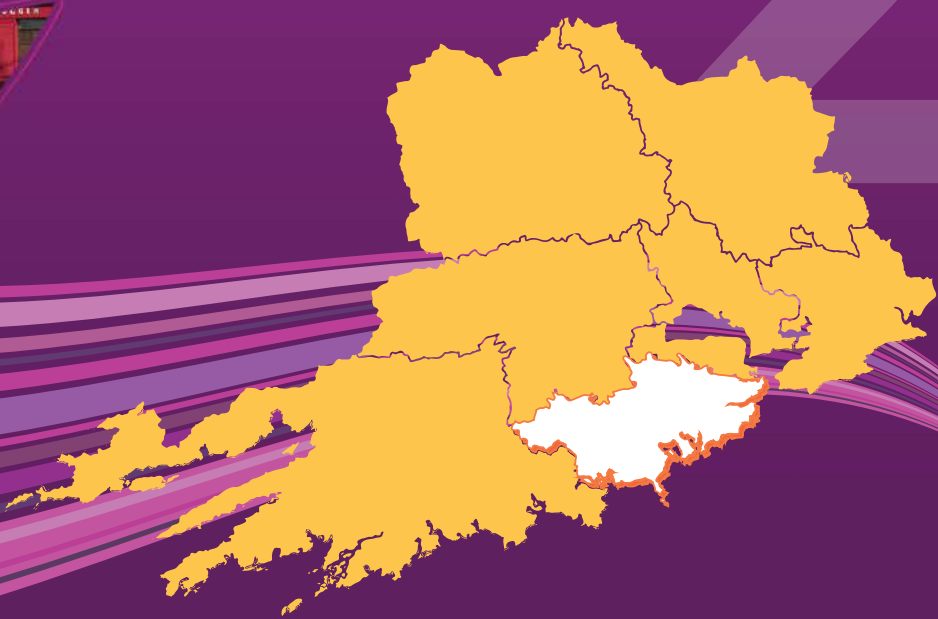




Cork  
County Council  
Comhairle Contae Chorcaí



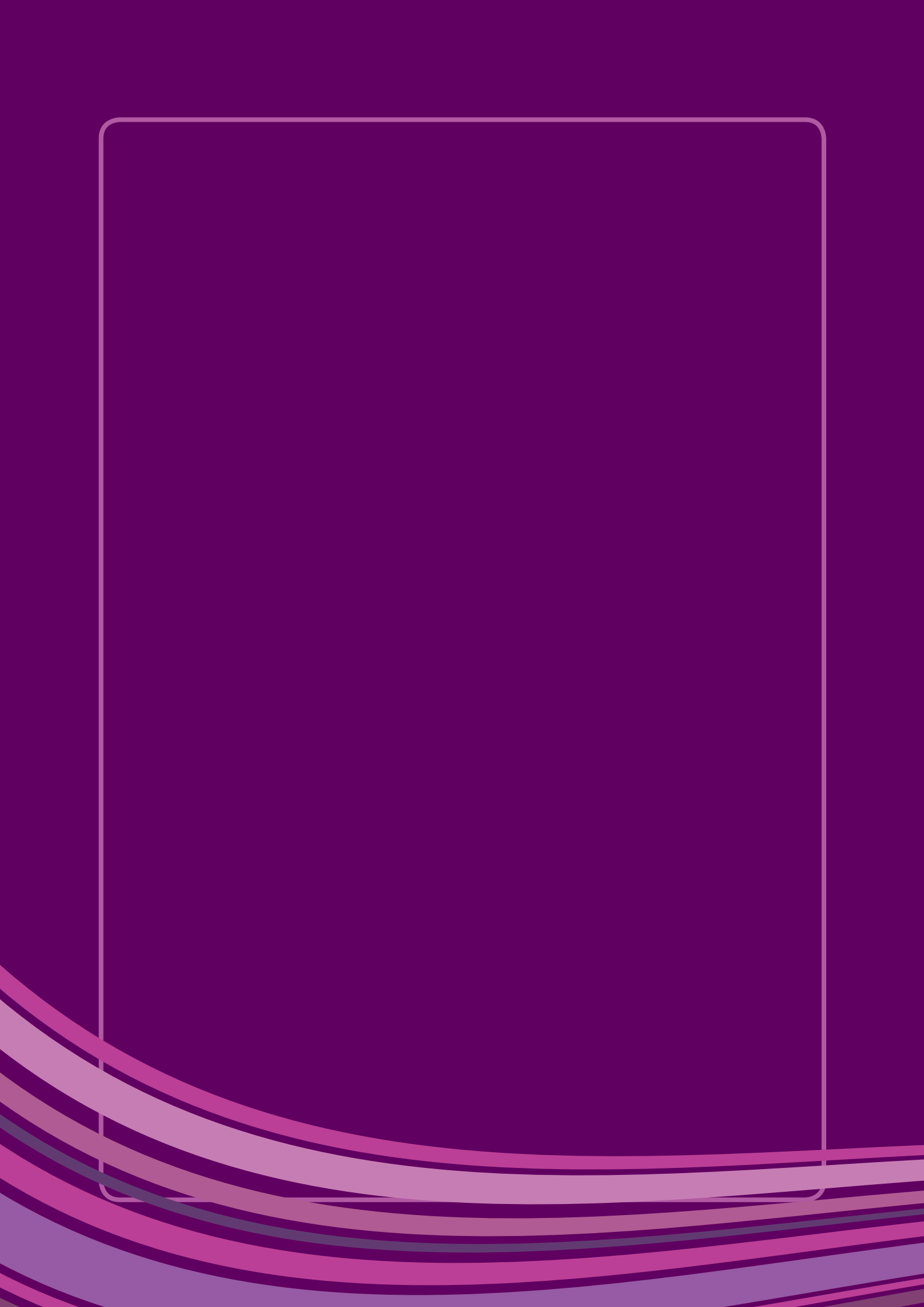
# Bandon Kinsale Municipal District Local Area Plan



21<sup>st</sup> August 2017

VOLUME TWO  
Environmental Reports

2





# Environmental Reports

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# Strategic Environmental Assessment Statement

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## **1 Introduction**

### **1.1 Introduction**

1.1.1 This is the SEA Statement for the Bandon Kinsale Municipal District Local Area Plan, adopted on 24<sup>th</sup> July 2017. Strategic Environmental Assessment (SEA) is a process for evaluating, at the earliest appropriate stage, the likely environmental effects of implementing a Plan or other strategic action in order to ensure that environmental considerations are appropriately addressed in the decision-making process both during the preparation and prior to adoption of a Plan.

1.1.2 The European Directive (2001/42/EC) on the Assessment of the Effects of Certain Plans and Programmes on the Environment (the SEA Directive) was transposed into national legislation by the European Communities (Environmental Assessment of Certain Plans and Programmes) Regulations 2004 (S.I. 435/2004) and the Planning and Development (Strategic Environmental Assessment) Regulations 2004 (S.I. 436/2004). These regulations were subsequently amended by the European Communities (Environmental Assessment of Certain Plans and Programmes) (Amendment) Regulations, 2011(S.I. No. 200 of 2011) and the Planning and Development (Strategic Environmental Assessment) (Amendment) Regulations, 2011 (S.I. No. 201 of 2011).

1.1.3 The legislation requires that the Plan-making authority must make available an SEA Statement summarising how the SEA and consultations have been taken into account in the making of the Plan. This document comprises the SEA Statement.

### **1.2 Summary of the SEA process**

1.1.4 The SEA Process is summarised in Table 1.1. below

<b>Table 1.1 Summary of the SEA Process</b>	
<b>SEA Stage</b>	<b>Bandon Kinsale Municipal District Local Area Plan</b>
<b>1 – Screening</b>	Decision on whether or not an SEA of the Plan is required.  There is a mandatory requirement under the Planning and Development (Strategic Environmental Assessment) Regulations, 2004 (as amended) to undertake a strategic environmental assessment in respect of Local Area Plans for areas with a population of 5,000 or more, so in this instance, screening was not required and the SEA process proceeded to the next stage.
<b>2 – Scoping</b>	Consultation with defined statutory bodies on the scope and level of detail to be considered in the Environmental Report. Scoping for the SEA for this Local Area Plan was commenced with the circulation of a Draft Scoping Report to all the environmental authorities on the 22nd April 2016. A total of two (2) submissions were received - from the EPA and Irish Water. The Scoping Report was finalised on the 31st May 2016 and issues raised were considered further during the preparation of the Draft Local Area Plan and the SEA Environmental Report.
<b>3 – Environmental Assessment and Environmental</b>	The next stage of the SEA process comprised an assessment of the likely significant impacts on the environment as a result of implementing the Local Area Plan and the preparation of the Environmental Report. The

Table 1.1 Summary of the SEA Process	
SEA Stage	Bandon Kinsale Municipal District Local Area Plan
Report.	Environmental Report went out on public display with the Draft Local Area Plan on 16 <sup>th</sup> November 2016. Submissions received were considered and amendments were recommended by the Chief Executive. The amendments were screened for the requirement for further assessment under the SEA and AA processes. An Addendum to the Environmental Report was later published with the proposed amendments to the Draft Local Area Plan (in May 2017), reflecting issues raised in the submissions and the screening of the amendments. Further submissions were received on foot of this third round of consultation and modifications to the amendments were recommended by the Chief Executive. These modifications were again screened for SEA / AA prior to adoption of the final Plan.
4- SEA Statement	Preparation and publication of the SEA Statement identifying how environmental considerations and consultation have been integrated into the Final Plan. This document is the SEA Statement.

### 1.3 Content of the SEA Statement

1.1.5 The SEA Statement is described in Article 9 of the SEA Directive as a statutory requirement and should be made available with the adopted plan. This statement is required to be issued to the environmental authorities that were previously consulted, with a view to presenting a record of the key elements of the SEA process and illustrating how environmental considerations have been integrated into the plan and the key decisions taken in the plan as a consequence of the SEA.

1.1.6 The SEA Statement is required under Article 13I, SI No 436 of 2004 (as amended), to include information on:

- a) How environmental considerations have been integrated into the Plan;
- b) How the Environmental Report, submissions and observations made to the planning authority on the Draft Plan and Environmental Report, and any transboundary consultations (where relevant) have been taken into account during the preparation of the Plan;
- c) The reasons for choosing the Plan, as adopted, in the light of the other reasonable alternatives dealt with; and
- d) The measures decided upon to monitor the significant environmental effects of implementation of the Plan.

## 2 How Environmental Considerations were Integrated into the Plan

### 2.1 Introduction

- 2.1.1 This section deals with how environmental considerations as presented in the Environmental Report were taken into account during the preparation of the Bandon Kinsale Municipal District Local Area Plan.
- 2.1.2 The protection and conservation of the environment has been a key consideration throughout the preparation of the Plan. Environmental considerations were integrated into the plan in a number of ways through:
- a) Preparation of the Environmental Report including baseline data collection and evaluation of potential impacts.
  - b) Consultation
  - c) Consideration of alternatives
  - d) Mitigation measures
  - e) Compliance with the Habitats Directive – Appropriate Assessment.

### 2.2 Environmental Report and Baseline Data Collection

- 2.2.1 In order to assess the likely significant impacts of this Municipal District Local Area Plan, baseline data on the current state of the environment was collected and evaluated. This was done with reference to existing databases held by the Council and other organisations such as the EPA, National Parks and Wildlife Service (NPWS), South West River Basin District (SWRBD), Geological Survey of Ireland (GSI) etc. In many cases the maps and information were only available at a County Level. In accordance with legislation and guidance, the existing environment was described with respect to biodiversity, population, human health, fauna, flora, soil, water, air, climatic factors, material assets, cultural heritage (including architectural and archaeological heritage), landscape and the interrelationships between these factors as appropriate. Collection and analysis of this information has allowed the identification of key resources and sensitivities and allowed for the identification of potential threats to the environment, thus allowing for the inclusion of mitigation measures to ensure that the Plan does not exacerbate existing problems.
- 2.2.2 As the data was compiled and plan policies evolved, the likely significant effects of implementing the plan were identified, described and evaluated, as appropriate. This process formed a core element of the Environmental Report. The potential effects of the plan were then considered using a system of Environmental Protection Objectives, Targets and Indicators which were formulated having regard to the issues emerging from the baseline assessment and internal consultation with other departments within the Council. The assessment of the baseline environment also enabled those preparing the plan to consider how the environment might evolve in the absence of the proposed plan.
- 2.2.3 Section 6.2 of the Environmental Report details the evaluation of the potential effects on the environment of implementing the provisions of the Draft Plan and notes that the Draft Plan has been prepared by undertaking a review of the previous Local Area Plan for the area, which was itself subject to Strategic Environmental Assessment, Habitats Directive Assessment, and Flood Risk Assessment, prior to adoption. As many of the provisions of the previous local area plan have been carried forward, unchanged, into the new Draft Plan 2016, and there are therefore few issues arising that need to be assessed de novo.
- 2.2.4 Furthermore, the County Development Plan 2014 includes many protective objectives in relation to issues such as Development Management and Protection of Amenities, Sustainable Residential Development, Natural, Built and Cultural Heritage, Biodiversity, Landscape, Water Quality, Pollution



Control, protecting Air Quality, managing Noise and Light emissions, flood risk management, sustainable energy etc. All proposals for development under the Local Area Plan, must comply in the first instance, with all the provisions of the County Development Plan.

- 2.2.5 All of the objectives of the Draft Local Area Plan were assessed for possible impacts within the context of these existing mitigation measures. As these mitigation measures negate or mitigate any significant negative impacts that could otherwise have been expected, the Environmental Report on the Bandon Kinsale Municipal District Draft Plan made no recommendations in relation to the proposed objectives.
- 2.2.6 One hundred and one (101) submissions were received during the public consultation period on the Draft Bandon Kinsale Municipal District Local Area Plan and Environmental Report. Six (6) of the submissions focused on general issues facing the County at large, and a further 2 submissions related to the Municipal District generally. The remainder were settlement specific. Submissions from the EPA and the Southern Regional Assembly referenced the Environmental Report in their submissions.
- 2.2.7 Having considered these submissions, and the recommendations of the Environmental Report, further amendments to the Draft Plan, and the preparation of an Addendum to the Environmental Report, were recommended by the Chief Executive in his report to Members in March 2016. An addendum to the Environmental Report was prepared and published with the Proposed Amendments to the Plan in March 2017. The Addendum recommends some minor changes to the Environmental Report in response to issues raised in the submissions, and also included a screening report of the proposed amendments.

#### **Submissions on Proposed Amendments to the Draft Plan and Addendum to the SEA Environment Report**

- 2.2.8 A total of 29 submissions were received on the Proposed Amendments to the Draft Plan. Details of all the submissions received were detailed in the Chief Executive's Report to Members in June 2017.
- 2.2.9 Two submissions were received in relation to the SEA Environmental Report from the Environmental Protection Agency and Professor Roberts & Ceclia Weston in relation to Kilbrittain.
- 2.2.10 Having considered the submissions received in response to the publication of the amendments proposed for the Draft Bandon Kinsale Municipal District Local Area Plan, some minor modifications to the published amendments were recommended by the Chief Executive.
- 2.2.11 The first, in response to the submission from TII, it is proposed to insert some additional non-material text into Section One of each plan under the heading of 'Traffic and Transport' as follows:
- 'The Council, in consultation with the Transport Infrastructure Ireland, will protect proposed national road route corridors where the route selection process has been completed/approved and where preferred route corridors have been identified. The line of these Route Protection Corridors is shown in Volume 3 LAP Map Browser which is accessible through [www.corkcoco.ie](http://www.corkcoco.ie)'.*
- 2.2.12 The second is a minor modifications in response to an amendment which provides for the possibility of the linking of future prospective relief roads in Carrigaline and concerns with regard to same, the revised wording states that *"during the lifetime of this plan, Cork County Council will review traffic options within the town and within this context the lack of connectivity between the western and southern relief roads will be examined"*.
- 2.2.13 The third in response to a submission requesting the consideration of residential development in the T-01 site in Carrigaline, makes a non material amendment which states that the site may have a mix of residential development as opposed to the previous text which stated that the site will have a mix of residential development backing onto existing residential development on the Kilmoney Road.

- 2.2.14 The fourth non material modification relates to the Old Pottery Site in Carrigaline which has been identified as a Regeneration Area. Previously the amendment stated that the site is suitable for a large scale stand alone retailer, in response to a submission regarding same, this has been modified to large scale stand alone retailers.
- 2.2.15 The fifth non material amendment includes text to support the investigation of providing a Western Relief Road within the Environs of Kinsale.
- 2.2.16 The full text of the proposed modifications and the justification for same is set out in Volume I of the Section 12(8) Chief Executives Report. An SEA Screening Report on the proposed further modifications was prepared which found the modifications would have a neutral or positive impact. A copy of this screening report is included in Appendix A of this Statement.

## **2.3 Statutory Consultation**

- 2.3.1 In terms of the SEA and the AA, there have been three periods of consultation over the course of the preparation of the Bandon Kinsale Municipal District Local Area Plan 2017. The first public consultation, for the pre-draft stage, was held in between December 2015 and January 2016. Additional consultation on the Scoping stage for SEA was held in May 2016, when the statutory consultees for SEA in Ireland were contacted with the Preliminary Consultation Document and the SEA Scoping Document.
- 2.3.2 The second period of consultation included a public display of the Bandon Kinsale Municipal District Local Area Plan 2017 alongside the SEA Environmental Report and associated Appropriate Assessment. This took place between November 2016 and January 2017. A total of 101 submissions were received on this suite of documents in relation to the Bandon Kinsale Municipal District. Of these six submissions related to the County-wide issues while at further 2 address issues relevant to the Municipal District.
- 2.3.3 A further period of public consultation on the Proposed Amendments to the Draft Plan took place during May 2017. An Addendum to the Strategic Environmental Assessment Environmental Report was also available for public consultation during this time. A further 29 submissions were received in response to these consultations.
- 2.3.4 At all stages of consultation, the content of the submissions received have been considered by the staff preparing the plan and by Members, and amendments have been made to the Draft Plan in response to these, where considered appropriate. Further detail on the submissions is provided in Section 3.

## **2.4 Alternatives Considered**

- 2.4.1 The SEA Environmental Report has documented the reasonable alternatives considered as part of the Local Area Plan making process. As a Local Area Plan is at the lower end of the statutory plan hierarchy, and the Planning Acts require a Local Area Plan to be consistent with the objectives of the development plan, its core strategy and any regional spatial and economic strategy that applies to the area, the scope for considering alternatives at the Local Area Plan level is very limited as the key parameters have already been determined by the higher level plans. Given the detailed and binding nature of the Core Strategy in particular, it is clear that the strategic alternative scenarios can only be fully considered and environmentally assessed as part of the preparation of the higher level plans .i.e. the County Development Plan 2014, and the Regional Spatial and Economic Strategy.
- 2.4.2 In Cork, successive County Development Plan strategies have sought to encourage balanced growth across the county to sustain the economies and service levels of the main towns and villages. The

Regional Planning Guidelines support this balanced approach to development in order to maintain vibrant rural communities with an equal level of urban and rural growth. In this context the key aims of the Local Area Plan support the continuation of this approach, seeking sustainable patterns of growth in urban and rural areas.

2.4.3 Bandon Kinsale Municipal District has a relatively weak urban structure and the Bandon Kinsale Municipal District Local Area Plan provides for the development of the 3 main towns, 5 key villages, 7 villages, 10 village nuclei and 10 other Locations. The overall population target of the District has already been set by the County Development Plan 2014. The scenarios considered in preparing the Plan have therefore been prepared in this context. The overall level of growth allocated to the Municipal District is the same for each scenario, in line with the Core Strategy in the County Development Plan 2014. The scenarios look at options for development within the Municipal District. Scenarios which would be inconsistent with this approach, by increasing or reducing the overall level of growth within the Municipal District for example, have not been considered.

2.4.4 The Scenarios considered for the Bandon Kinsale Municipal District were as follows:

- Scenario 1 Public Transport
- Scenario 2 Employment Towns
- Scenario 3 Balanced Growth

2.4.5 These three alternatives specifically focus on alternate means of achieving the aims of the new Plan. Strengths and weaknesses of the various alternatives were evaluated in the SEA taking into account both planning and environmental impacts.

2.4.6 The consideration of alternatives was part of the information presented to Elected Members and at public consultation to help make an informed choice with regards to the evolution of the Plan. Further details on the preferred alternative and reasons for its selection in light of the other alternatives are provided in Chapter 4 of this document.

## 2.5 Proposed Mitigation

2.5.1 Avoidance and Mitigation of impacts was addressed where possible at all stages of the formulation of the plan itself as part of the SEA process and the draft local area plan was drafted to minimise adverse impacts where possible. As part of the preparation of the Environmental Report and assessment of the potential impacts of the Plan against the Environmental Protection Objectives, no recommendations arose for the Bandon Kinsale Municipal District.

## 2.6 Compliance with EU Habitats Directive – Appropriate Assessment.

2.6.1 A further aspect of the assessment of the Plan was the undertaking of an Appropriate Assessment under the EU Habitats Directive (92/43/EEC). This parallel process ensured that environmental considerations, specifically focused on Natura 2000 sites, were integrated into the Plan as it was developed.

2.6.2 Under the EU Habitats Directive, any plan or project not directly connected with or necessary to the management of a Natura 2000 site, e.g. Special Area of Conservation (SAC) or Special Protection Area (SPA), but likely to have a significant effect thereon, either individually or in combination with other plans or projects, shall be subjected to an appropriate assessment of its implications for the site in view of the site's conservation objectives. There are a number of Natura 2000 sites within and adjacent

to the Bandon Kinsale Municipal District, which could be impacted by the new Local Area Plan. Therefore, the AA process was applied to the Draft Local Area Plan, Proposed Amendments and the minor non material modifications to the Amendments to determine if it would have significant effects on any of these European designated sites.

2.6.3 The Habitats Directive Assessment Screening Report prepared on the Draft Local Area Plan recommended a number of changes to the Draft Plan as detailed in Table 2.2 below. Where possible these issues were dealt with in formulating the Draft Plan. Where this was not possible, the issues were addressed at the amendments stage, as detailed in the 'Outcome' column.

<b>Table 2.1: Summary of Habitats Directive Screening Process for the Draft Bandon Kinsale Municipal District Local Area Plan.</b>		
<b>Section of Plan</b>	<b>Issue / Recommendation</b>	<b>Changes incorporated into Proposed Amendments / Final Plan</b>
<b>Local Area Strategy</b>		
Section 2.6	<p>Delete LAS-01(a) and replace with new Objective LAS-01, as follows:</p> <p><b>a) In order to secure sustainable population growth proposed, appropriate and sustainable water and waste water infrastructure that will help to secure the objectives of the Water Framework Directive, Habitats Directive and Birds Directive, needs to be provided where not already available, in advance of the commencement of discharges from new development permitted.</b></p> <p>Include additional objectives in LAS-01 as follows:</p> <p><b>a) All developments will need to comply with Water Services Objectives WS 2-1, WS 3-1, WS 4-1 and Management of Surface Water Objectives WS 5-1, WS 5-2 and WS 5-3 as detailed in Chapter 11, Volume 1 of the Cork County Development Plan, 2014.</b></p> <p><b>b) No developer provided infrastructure will be allowed into the future</b></p>	BK.02.06.03

<b>Table 2.1: Summary of Habitats Directive Screening Process for the Draft Bandon Kinsale Municipal District Local Area Plan.</b>		
<b>Section of Plan</b>	<b>Issue / Recommendation</b>	<b>Changes incorporated into Proposed Amendments / Final Plan</b>
	<p>except where agreed with Irish Water and where an appropriate transitional and longer term maintenance and repair programme has been provided for.</p> <p>c) All developments where appropriate will need to comply with Objective TM 3-1 National Road Network as detailed in Chapter 10, Volume 1 of the Cork County Development Plan, 2014.</p> <p>d) All developments will need to comply with Management of Surface Water Objectives WS 5-1, WS 5-2 and WS 5-3 as detailed in Chapter 11, Volume One of the Cork County Development Plan, 2014, in order to make provision for Sustainable Urban Drainage Systems and provide adequate storm water attenuation. Surface water management and disposal should be planned in an integrated way in consideration with land use, water quality, and amenity and habitat enhancements as appropriate.</p> <p>e) Preserve and protect the archaeological and architectural heritage which contributes to the character of an area and is intrinsic to its identity and sense of place in accordance with the Heritage objectives (HE 3-1 to HE 3-5 &amp; HE 4-1 to HE 4-5) of the County Development Plan 2014. This includes formal</p>	

<b>Table 2.1: Summary of Habitats Directive Screening Process for the Draft Bandon Kinsale Municipal District Local Area Plan.</b>		
<b>Section of Plan</b>	<b>Issue / Recommendation</b>	<b>Changes incorporated into Proposed Amendments / Final Plan</b>
	<p>vernacular, industrial, civic, ecclesiastical, maritime and underwater heritage and features such as historic boundaries, gate piers, street furniture, and landscapes.</p> <p>f) <b>The Council is committed to the preparation and implementation of a Wastewater Management Strategy for the Cork Harbour Area as per the 2014 County Development Plan.</b></p>	
<b>Main towns/Key Villages/ Villages</b>		
Carrigaline	Removal of U-07 (pedestrian walkway)	BK.03.04.25
Crosshaven and Bays	Inclusion of O-10: Open Space to protect the Special Protection Area designation	BK.04.05.01
Villages Introduction	Insert new GO (o) objective: In order to secure sustainable population growth proposed in GO-01 (a), appropriate and sustainable water and wastewater infrastructure that will help secure the objectives of the Water Framework Directive and protect the Courtmacsherry Estuary Special Area of Conservation and Courtmacsherry Bay Special Protection Area Natura 2000 Sites, needs to be provided where not already available, in advance of the commencement of discharges from new development permitted in this settlement.	BK.05.01.01
Kilbrittain	Inclusion of DB-02: New development can only proceed where it is shown it complies with the operation and licensing of the Waste Water Treatment Plant.	BK.05.01.02

### 3 Submissions and Observations

#### 3.1 Introduction

3.1.1 This section deals with how submissions and observations from environmental authorities and members of the public, received throughout the process of preparing the local area plan, and relevant to the SEA process, were taken into account in the preparation of the final document. There have been three periods of consultation: - -

- a) Pre – Draft: Preliminary Consultation under Section 20 at the pre-draft plan stage was undertaken in December 2015.
- b) Consultation on the Draft Plan, Environmental Report, Strategic Flood Risk Assessment, Habitats Directive Assessment Screening Report in November 2016.
- c) Consultation on the Proposed Amendments to the Draft Plan, SEA Addendum Report and Natural / AA Screening Report in May 2017.

3.1.2 At all stages of consultation, the content of the submissions received have been considered by the team preparing the plan.

#### 3.2 Pre Draft Consultation

3.2.1 The first stage in the preparation of the Bandon Kinsale Municipal District Local Area Plan started in December 2015 with the publication of the Section 20 Preliminary Consultation Document. A Draft SEA Scoping Report was sent to all environmental authorities on the 22nd April 2016. The SEA Scoping Report provided an overview of the Municipal District, the suggested strategy for the proposed new local area plan, the alternatives considered, and the likely output of the new local area plan. The Scoping Report also examined the environmental baseline of the District and the existing environmental sensitivities of the area. In response this pre- draft consultation stage, submissions relevant to the SEA process were received from the EPA and Irish Water. These are outlined in Table 3.1 below.

<b>Table 3.1 Summary of the issues Raised at SEA Scoping Stage.</b>		
<b>Name of Submitter</b>	<b>Summary of Issues Raised</b>	<b>Response</b>
EPA	State that previous submission dated 21 <sup>st</sup> January 2016 in response to Preliminary Consultation Document should be taken into account in the preparation of the SEA Environment Report and lists the other Environmental Authorities that the Draft Scoping Report should be sent to.	The issues raised will be addressed as part of the Strategic Environmental Assessment and Habitats Directive Assessment of the Draft Local Area Plans.  Draft Scoping Report was sent to all the

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<b>Table 3.1 Summary of the issues Raised at SEA Scoping Stage.</b>		
<b>Name of Submitter</b>	<b>Summary of Issues Raised</b>	<b>Response</b>
		Environmental Authorities (See Appendix 3).
Irish Water	<p>Observations relate to the potential environmental effects associated with the provision of sustainable, cost effective water services and the protection of water sources used for public supply.</p> <p>Need to be aware that due to the limited funding available and the legacy issue inherited by Irish Water in relation to available capacity and compliance, they will upgrade infrastructure as the need arises on a priority basis in line with national and regional planning policy and the County settlement hierarchy, subject to available funding and environmental constraints.</p> <p>It cannot be assumed that because the Council sets a population target for a settlement that water services will be made available for that target in advance.</p> <p>Many of the larger settlements identified in the County's settlement hierarchy are located adjacent to sensitive/designated waters to which treated wastewater from these settlements must be discharged.</p> <p>Suggest that need to test the compatibility of settlement strategy with the SEA objectives EPO3 (BFF), EPO 5 (W), EPO6 (AQ/C) and EPO 10(MA).</p> <p>Locating large settlements in sensitive areas is not necessarily sustainable and achieving the objectives of EPO3 &amp; EPO5 would impact on achieving the objective EPO Climate Change by expending significant energy to achieve the required standards and EPO10 by expending scarce monetary resources that could be better utilised in alternative settlement locations where receiving waters are not as sensitive.</p> <p>Ensure that the requirement for an available sustainable potable drinking water supply source to serve target populations is considered.</p> <p>The medium to long-term strategy of building resilience into the water supply networks will</p>	<p>Comments noted and issues raised will be considered further in the preparation of the Draft Local Area Plan and the SEA Environment Report.</p> <p>The Draft LAP intends to deal in a comprehensive manner with all infrastructure requirements and the most appropriate mechanisms to deliver that infrastructure.</p>



<b>Table 3.1 Summary of the issues Raised at SEA Scoping Stage.</b>		
<b>Name of Submitter</b>	<b>Summary of Issues Raised</b>	<b>Response</b>
	<p>result in the decommissioning of smaller, unreliable water sources and increased interconnection of supply networks to ensure that supply taken from sustainable water resources can be utilised throughout our supply networks.</p> <p>Note the tables included in scoping reports in relation to the status of water services relative to the suggested scale of development at settlement level but without the background to this assessment find it difficult to determine its accuracy.</p> <p>Note that a water treatment plant and water supply zone may serve a number of settlements and surrounding environs and the overall demand on the water treatment plant/supply zone is the more appropriate level to consider available capacity than settlement level.</p>	

3.2.2 The Scoping Report was finalised on the 31<sup>st</sup> May 2016 and issues raised were considered further the preparation of the Draft Local Area Plan and the SEA Environment Report.

### **3.3 Draft Plan and Environmental Report Consultation.**

3.3.1 The Environmental Report prepared to document the assessment of the environmental effects of implementing the aims and objectives of the Draft Local Area Plan made just one recommendation for change to the Draft Plan as detailed in Section 2.2.of this report. The full assessment and background to the recommendations is discussed in Chapter 6, Section 6.3 of the Environmental Report.

3.3.2 Following the publication of the Draft Plan and associated environmental reports, 101 submissions were received during the public consultation period. Six of the submissions focused on general issues facing the County at large, and a further three submissions related to the Municipal District generally. The remainder were settlement specific.

3.3.3 Details of all the submissions received were detailed in the Chief Executive’s Report to Members in June 2017. The Chief Executive’s Report highlighted the key issues arising from the submissions received as follows:

- -Active Land Management and bringing land forward for development.
- -Strategic Land Reserves issues in Metropolitan Cork –
- Alignment of the Plans with the Core Strategy of the County Development Plan and the quantum of land being zoned for development.
- The availability / timing of delivery of Water Services Infrastructure.
- Amount of land zoned for economic development.

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- Strategic Flood Risk Assessment.
- Protection of Natural and Built Heritage, including Archaeology.
- Reservation of lands for schools.
- Strategic Environmental Assessment and the integration of the process into plan making.
- Protection of natural heritage, ecology and biodiversity.
- Issues in relation to transportation, sustainable travel, access to zoned lands, public transport etc.
- Proposals for zoning additional land.

3.3.4 Three of the One hundred and one (101) made reference to the Environmental Report – these was from the Environmental Protection Agency (EPA), the Southern Regional Assembly and Prof. Geoffrey Roberts and Ceclia Weston. These submissions were summarised and responded to in Chief Executive’s Report to Members under S20 of the Act.

3.3.5 The submission from the Southern Regional Assembly noted various elements of the Environmental Report but did not raise any issues requiring further clarification or make any recommendations in relation to the SEA process. No further action is considered necessary in relation to the Environmental Report, in response to the submission from the SRA submission.

3.3.6 The main issues raised by the EPA are detailed in Table 3.1 for ease of reference. These issues have also been discussed and responded to in the Chief Executive’s Report to Members. Where changes are proposed these are detailed in the final column of the Table. For the text of the amendment please see the ‘Proposed Amendments to the Draft Plan’ document for the Bandon Kinsale Municipal District, published on 2<sup>nd</sup> May, 2017.

3.3.7 The remaining issue related to the removal of part of O-02 in Kilbrittain to allow more flexibly of use in the village.

**Table 3.2: Issues raised by the EPA in response to the Draft Local Area Plans.**

	<b>EPA Issue</b>	<b>CEO Response</b>	<b>Changes proposed to Bandon Kinsale LAP</b>
1.	Development should be linked to the ability to provide water services infrastructure in advance of permission being granted.	This issue is already addressed by the objectives of each LAP which require that appropriate and sustainable water and waste water infrastructure, capable of meeting legal requirements and other relevant environmental objectives in relation to water quality / habitat protection, must be provided and be operational in advance of the commencement of any discharges from a	Proposed Amendment No BK.02.06.03.  <b>Note:</b> Arising from the Habitats Directive Assessment process a number of additional amendments are proposed to address water quality issues associated with water services infrastructure / surface water management. See proposed amendments: BC.03.04.26

**Table 3.2: Issues raised by the EPA in response to the Draft Local Area Plans.**

	EPA Issue	CEO Response	Changes proposed to Bandon Kinsale LAP
		<p>development. Adequate provision for storm water disposal is also required.</p> <p>Nonetheless, in response to a number of different submissions it is proposed to amend and expand objective LAS-01 in Section 2 of the Local Area Plan to further address the following:</p> <ul style="list-style-type: none"> <li>• water services/ water quality issues,</li> <li>• SUDs issues,</li> <li>• relevant Objectives in the County Development Plan2014,</li> <li>• Developer provided water services infrastructure (not allowed unless agreed with Irish Water).</li> </ul>	<p>For the text of the amendment please see the 'Proposed Amendments to the Draft Plan' document for the Bandon Kinsale Municipal District, published on 02<sup>nd</sup> May, 2017.</p>
2.	Plans should include a reference to the National Planning Framework and the Regional Spatial and Economic Strategy.	Plans will be amended to include a reference to the National Planning Framework and the Regional Spatial and Economic Strategy.	<p>Proposed Amendment BK.02.02.01</p> <p>For the text of the amendment please see the 'Proposed Amendments to the Draft Plan' document for the Bandon Kinsale Municipal District, published on 02<sup>nd</sup> May, 2017.</p>
3.	In order to show how the SEA process has been integrated into the plans, the plans should clarify how the issues raised at the scoping stage have been addressed. In addition the plans should provide information on the	Issues in relation to the environmental sensitivity of each area, cumulative impacts and the compliance status of water services infrastructure has already been addressed, as far as it is practicable, in the Environmental Report and the objectives of the Draft Plan.	<p>See proposed amendments BK.01.07.02 BK.02.06.02,</p> <p>For the text of the amendment please see the 'Proposed Amendments to the Draft Plan' document for the Bandon Kinsale Municipal District, published on 02<sup>nd</sup></p>

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<b>Table 3.2: Issues raised by the EPA in response to the Draft Local Area Plans.</b>			
	<b>EPA Issue</b>	<b>CEO Response</b>	<b>Changes proposed to Bandon Kinsale LAP</b>
	environmental sensitivities of each area and the compliance status of critical water services infrastructure in particular. In terms of impacts on receiving water, for example, the significant deficiencies in WWT infrastructure should be a key consideration.	Further clarification on the status of drinking water and waste water treatment infrastructure, as given in Table 2.3 of the Draft Plan will be included where appropriate.  Proposed amendments to LAS-01 as outlined at item 1 above further strengthen the link between development, water services provisions and environmental protection.	May, 2017.
4.	Need for priority secondary WWT in key settlements should be addressed as a priority.	Prioritisation of the delivery of secondary waste water treatment facilities is a matter for Irish Water.	No amendment proposed on this issue. See changes proposed under item 1 above.
5.	Commitment to implementing the National Broadband Plan and preparing a Climate Change Adaptation Strategy should be included in each plan	With regard to the preparation of a Climate Change Adaptation Strategy, it is recognised that this falls within the remit of the Council to prepare, but it is beyond the scope of the Local Area Plan process.  Similarly implementation of the National Broadband Plan is not a matter for the Local Area Plan.	No amendment proposed.
6.	Clarification is required on whether habitat mapping has informed the plans. Plans should include recommendations regarding the protection of key ecological corridors and linkages within	Habitat mapping for parts of the Blarney, Carrigaline and Middleton Electoral Areas was completed some years ago and has informed the preparation of the plans. It has not been possible to complete habitat mapping for the other main towns of the county in time to inform	See amendments proposed under items 1 and 3 above arising from the Habitat Directive Assessment Screening Report.  See additional Proposed Amendments BK.02.06.03.  For the text of the amendment

**Table 3.2: Issues raised by the EPA in response to the Draft Local Area Plans.**

	<b>EPA Issue</b>	<b>CEO Response</b>	<b>Changes proposed to Bandon Kinsale LAP</b>
	each plan area.	<p>the LAP process, but the project's outputs will be able to inform the Council's wider planning functions.</p> <p>Objectives for the protection of natural heritage have already been included in the plan. See LAS-01 for example in Section 2 of the Plan which provides for the protection of Natura sites, the biodiversity of the area.</p> <p>Objective LAS-01 also references relevant Heritage related objectives of the County Development Plan 2014 including, HE 2-1, and HE2-2.</p> <p>LAS -01 (d) further references the protection of landscape features, ecological corridors and areas of local biodiversity value, wetlands and features of geological value within this planning area in accordance with County Development Plan 2014 objectives HE 2-3, HE 2-4, HE 2-5, HE 2-6 and HE 2-7.</p> <p>See also Bandon Kinsale Draft Plan Objectives for BD-O-07 for Bandon; KS-GO-06, KS-O-02, KS-O-04, KS-O-05, KS-O-06 for Kinsale; and GO-O1 (p) for Key Villages and GO-01(d) for Villages and Village Nuclei re the protection of protected sites, biodiversity, landscape etc.</p>	<p>please see the 'Proposed Amendments to the Draft Plan' document for the Bandon Kinsale Municipal District, published on 02<sup>nd</sup> May, 2017.</p> <p>In total 5 amendments are proposed to the Draft plan in response to the HDA process.</p> <p>For the full text of the amendments please see the 'Proposed Amendments to the Draft Plan' document for the Bandon Kinsale Municipal District, published on 02<sup>nd</sup> May, 2017.</p>
7.	Potential for cumulative and in	These issues have already been addressed, as far as it is	No further changes proposed.

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<b>Table 3.2: Issues raised by the EPA in response to the Draft Local Area Plans.</b>			
	<b>EPA Issue</b>	<b>CEO Response</b>	<b>Changes proposed to Bandon Kinsale LAP</b>
	combination effects should be assessed in more detail and clarification is required on how the preferred development scenarios were informed by the environmental sensitivities of an area.	<p>practicable, in the Environmental Report.</p> <p>The Draft Bandon Kinsale Plan has been prepared by undertaking a review of the existing statutory plan for the area - the Bandon Electoral Area Local Area Plan 2011 (as amended), which was itself subject to Strategic Environmental Assessment, Habitats Directive Assessment, and Flood Risk Assessment, prior to adoption. The reality is that many of the provisions of the current LAP have been carried forward, unchanged, into the new Draft Plan 2016.</p>	
8.	Changes recommended to the wording of EPO1, EPO5 and EPO8 and clarification is required on how the alternatives have been assessed.	<p>Suggested changes to EPO1 and EPO5 will be implemented. Changes to EPO8 require additional indicators which have no ready source of data at a local level. With regard to the consideration of alternatives, this process relates to the review of the local area plans, where the plan being reviewed has already been subject to the SEA process. In addition the Local Area plans are about giving effect at the local level to the strategy of the County Development Plan, which has itself been subject to SEA.</p>	<p>As suggested by the EPA submission it is proposed to amend the Indicator for EPO1 to replace the word 'increase' with 'change' as follows:</p> <p>Significant <del>increase</del> <b>change</b> in the population of the main towns. Distance and mode of transport to work / school.</p> <p>In relation to EPO 5 it is proposed to amend the wording of the first Target to include the additional words "as follows", as shown below:</p> <p>To achieve <b>at least</b> 'good' status in all bodies of surface waters (lakes, rivers, transitional and coastal waters).</p>

**Table 3.2: Issues raised by the EPA in response to the Draft Local Area Plans.**

	EPA Issue	CEO Response	Changes proposed to Bandon Kinsale LAP
			See Appendix A for full text.
9.	Clarification is required on what mitigation measures are proposed to address identified environmental sensitivities and on proposed monitoring programmes	<p>Mitigation measures are built into the objectives of each Local Area Plan e.g. objectives re water services, SUDS, protection of Natura Sites, biodiversity, ecological corridors as mentioned at item 1 above. Monitoring will be addressed further in the Environmental Statement.</p> <p>In addition the County Development Plan 2014 includes many protective objectives in relation to issues such as Development Management and Protection of Amenities, Sustainable Residential Development, Natural, Built and Cultural Heritage, Biodiversity, Landscape, Water Quality, Pollution Control, protecting Air Quality, managing Noise and Light emissions, flood risk management, sustainable energy etc. All proposals for development under the Local Area Plan, must comply in the first instance, with the all the provisions of the County Development Plan.</p>	No further changes proposed.
10.	Charleville Lands R-06 are at risk of flooding and need to be reconsidered	This issue is not relevant to the Bandon Kinsale MD Local Area Plan.	This issue is not relevant to the Bandon Kinsale MD Local Area Plan.
11.	Ballincollig Carrigaline Plan MD - submission notes	This issue is not relevant to the Bandon Kinsale MD Local Area Plan.	This issue is not relevant to the Bandon Kinsale MD Local Area Plan.

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<b>Table 3.2: Issues raised by the EPA in response to the Draft Local Area Plans.</b>			
	<b>EPA Issue</b>	<b>CEO Response</b>	<b>Changes proposed to Bandon Kinsale LAP</b>
	that there are particular aspects of critical service infrastructure which need to be addressed in order to service future development in Ballincollig.		
12.	Cobh MD - submission notes new railway stations proposed at Ballynoe and Water Rock plan should clarify at what stage of the phased development the new stations will be required. Where major infrastructure is required the plan should clarify that such infrastructure will need to be planned in accordance with the requirements of EIA, Water Framework Directive, Habitats and Flood Directives etc	The provision of a rail station at Ballynoe will be provided in accordance with the implementation strategy being developed by the Cork County Council for the Cobh Urban Expansion Area. Regarding transport infrastructure provision, the requirement for EIA, Water Framework Directive, Habitats and Floods Directive are set down in statute. The scoping / brief of the Traffic and Transport study for Little Island is not as yet complete and will determine how SEA and Habitats Directives will be addressed in the study.	This issue is not relevant to the Bandon Kinsale MD Local Area Plan.
13.	West Cork Plan should clarify that the Schull WWTP has recently been upgraded	As part of the proposed amendments to the Draft West Cork Municipal District LAP, it is intended to revise the text of SC-GO-03 for Skull to take account of the upgrading of the waste water treatment plan.	This issue is not relevant to the Bandon Kinsale MD Local Area Plan.

3.3.8 Following the consideration by Members of the Chief Executive's report further meetings of Council were held March 2017 to discuss the proposed amendments to the Plan. At the Council Meeting of 27<sup>th</sup> March 2017, Members of Council agreed to make 117 amendments to the Draft



Bandon Kinsale Municipal District Local Area Plan. These amendments were published for consultation on 2<sup>nd</sup> May 2017.

### **3.4 Proposed Amendments to the Draft Plan**

3.4.1 In May 2017 the proposed amendments to the Draft Bandon Kinsale Municipal District Local Area Plan were published for public consultation.

3.4.2 These proposed amendments were screened for the need for full SEA in order to determine if significant impacts would arise as a result of their inclusion. The screening process comprised assessing each proposed amendment against the Environmental Protection Objectives to determine if they would have a potentially positive, negative, uncertain or neutral impact. The Environmental Protection objectives are detailed in Table 3.1 while the summary results of the assessment of each proposed amendment is detailed in Table 3-2 below.

<b>Table 3.3: List of Environmental Protection Objectives, Targets and Indicators</b>	
<b>EPO 1</b>	<b>Population (P)</b> To ensure the sustainable development of the area so people have the opportunity to live in communities with high quality residential, working and recreational environments with sustainable travel patterns.
<b>EPO 2</b>	<b>Human Health (HH)</b> To protect and enhance human health and manage hazards or nuisances arising from traffic & incompatible land uses.
<b>EPO 3</b>	<b>Biodiversity, Flora and Fauna (BFF)</b> Throughout the county, conserve and restore ecosystems, habitats and species in their natural surroundings, and ensure their sustainable management, including the ecological corridors between them.
<b>EPO 4</b>	<b>Soil (S)</b> Protect the function and quality of the soil resource in the Bandon Kinsale Municipal District.
<b>EPO 5</b>	<b>Water (W)</b> Maintain and improve the quality of water resources and improve the management and sustainable use of these resources to comply with the requirements of the WFD.
<b>EPO 6</b>	<b>Air Quality and Climate Factors (AQ/C)</b> Protect and improve air quality. Contribute to mitigation of, and adaptation to, climate change.
<b>EPO 7</b>	
<b>EPO 8</b>	<b>Cultural Heritage (CH)</b> Protect and, where appropriate, enhance the character, diversity and special qualities of architectural, archaeological and cultural heritage (including Gaeltachtaí) in County Cork.
<b>EPO 9</b>	<b>Landscape (L)</b> Protect and, where appropriate, enhance the character, diversity and special qualities of landscapes in County Cork.
<b>EPO 10</b>	<b>Material Assets (MA)</b> Make best use of the material assets of the area and promote the sustainable development of new infrastructure to provide for the current and future needs of the population.
<b>EPO 11</b>	<b>Flooding (F)</b> Protect flood plains and areas at risk of flooding from inappropriate development.

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3.4.3 Many of the proposed amendments include additional background information on an issue while not affecting the policies or objectives of the plan, or relate to the provision of factual information or clarification. Where such changes were considered unlikely to result in any significant environmental impact, they have been judged to be 'neutral'. Other changes were considered either most likely to be neutral or most likely to have positive impacts. In the case of both neutral and positive impacts the proposed amendments were screened out on the basis of having no potential for significant negative impacts.

<b>Table 4.2 Strategic Environmental Assessment of the Proposed Amendments</b>					
<b>Amendment Ref No.</b>	<b>Impact of EPO's</b>				<b>Mitigation Required? Yes / No</b>
	+	-	?	NE Neutral	
<b>Section 1 Introduction</b>					
<b>BK.01.01.01</b>  List of Town Council Development Plans				<b>EPO 1 to 11</b>	<b>Screened out</b>
<b>BK.01.07.01</b>  Approach to Town Council Development Plans				<b>EPO 1 to 11</b>	<b>Screened out</b>
<b>BK.01.07.02</b>  Downstream flooding	<b>EPO 11</b>			<b>EPO 1 to EPO 10</b>	<b>Screened out</b>
<b>BK.01.07.03</b>  Housing Density	<b>EPO 1,</b>			<b>EPO 2 to EPO 11</b>	<b>Screened out</b>
<b>BK.01.07.04</b>  Traffic and Transport				<b>EPO 1 to 11</b>	<b>Screened out</b>
<b>BK.01.07.05</b>  Regeneration areas				<b>EPO 1 to 11</b>	<b>Screened out</b>

Table 4.2 Strategic Environmental Assessment of the Proposed Amendments					
Amendment Ref No.	Impact of EPO's				Mitigation Required? Yes / No
	+	-	?	NE Neutral	
<b>BK.01.07.06</b> SLR and Active Land Management	EPO 1, EPO 2,			EPO 3 to EPO 11	Screened out
<b>Section 2 Local Area Strategy</b>					
<b>BK.02.03.01</b> Revised settlement list				EPO 1 to 11	Screened out
<b>BK.02.04.01</b> Growth strategy	EPO 5, EPO 8,			EPO 1, EPO 2, EPO 3, EPO 4, EPO 6, EPO 7, EPO 9, EPO 10, EPO 11	Screened out
<b>BK.02.06.01</b> Heritage				EPO 1 to 11	Screened out
<b>BK.02.06.03</b> LAS-01	EPO 5, EPO 8.			EPO 1, EPO 2, EPO 3, EPO 4, EPO 6, EPO 7, EPO 9, EPO 10, EPO 11	Screened out

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<b>Table 4.2 Strategic Environmental Assessment of the Proposed Amendments</b>					
<b>Amendment Ref No.</b>	<b>Impact of EPO's</b>				<b>Mitigation Required? Yes / No</b>
	<b>+</b>	<b>-</b>	<b>?</b>	<b>NE Neutral</b>	
<b>BK.02.05.03 LAS-02</b>				EPO 1 to 11	
<b>BK.02.02.01 NPF</b>				EPO 1 to 11	<b>Screened out</b>
<b>Section 3 Main Towns</b>					
<b>BK .03.01.01</b>				EPO 1 to 11	<b>Screened out</b>
<b>Bandon</b>					
<b>BK .03.02.01 Remove BD-B-08</b>				EPO 1 to 11	<b>Screened out</b>
<b>BK .03.02.02 Education Facilities Text</b>	EPO-1, EPO-2, EPO-10			EPO-3 to 9, EPO-11	<b>Screened out</b>
<b>BK.03.02.03 BD-R-14</b>	EPO-1, EPO-2, EPO-10			EPO-3 to 9, EPO-11	<b>Screened out</b>
<b>BK .03.02.04 Castlebernard Estate</b>				EPO 1 to 11	<b>Screened out</b>
<b>BK.03.02.05 BD-O-07 – revise wording.</b>	EPO-1 to 7, EPO-9 to 11			EPO-5, EPO-8	<b>Screened out</b>
<b>BK.03.02.06 BD-R-08 – revise school requirement.</b>	EPO-1, EPO-2, EPO-10			EPO-3 to 9, EPO-11	<b>Screened out</b>

Table 4.2 Strategic Environmental Assessment of the Proposed Amendments					
Amendment Ref No.	Impact of EPO's				Mitigation Required? Yes / No
	+	-	?	NE Neutral	
BK.03.02.07 BD-R-17 – revise school requirement.	EPO-1, EPO-2, EPO-10			EPO-3 to 9, EPO-11	Screened out
BK.03.02.07 Revise wording for X-01.	EPO-1, 2, 4, 6 to 8, EPO-10, EPO-11			EPO-3, EPO-5, EPO-9	Screened out
<b>Kinsale</b>					
BK.03.03.01 Remove lands of former Town Council from zoning map.				EPO 1 to 11	Screened out
BK.03.03.02 Remove text referencing lands within former Town Council area.				EPO 1 to 11	Screened out
BK.03.03.03 Adjustment to development boundary.				EPO 1 to 11	Screened out
BK.03.03.04 Educational facilities	EPO-1, EPO-2, EPO-10			EPO-3 to 9, EPO-11	
BK.03.03.05 Text supporting additional community facilities.				EPO-1- 11	
BK.03.03.06 Text regarding hotels.				EPO-1- 11	
BK.03.03.07 Objective supporting expansion of education facilities.	EPO-1, EPO-2, EPO-10		EPO- 8, EPO- 9	EPO-3 to 7, EPO-11	
BK.03.03.08 Summercove N.S.	EPO-1, EPO-2, EPO-10			EPO-3 to 9, EPO-11	
BK.03.03.09 Coastal flooding map.	EPO-11			EPO-1- 10	

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<b>Table 4.2 Strategic Environmental Assessment of the Proposed Amendments</b>					
<b>Amendment Ref No.</b>	<b>Impact of EPO's</b>				<b>Mitigation Required? Yes / No</b>
	<b>+</b>	<b>-</b>	<b>?</b>	<b>NE Neutral</b>	
<b>BK.03.03.10 Western Relief Road</b>				<b>EPO-1-11</b>	
<b>BK.03.03.11 Extension to development boundary.</b>				<b>EPO-1-11</b>	
<b>Carrigaline (South)</b>					
<b>BK.03.04.01 Population &amp; Housing</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.02 Relief Roads.</b>	<b>EPO2, EPO10</b>			EPO 1, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 11	<b>No</b>
<b>BK.03.04.03 Archaeology.</b>	<b>EPO8</b>			EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.04 Walking &amp; Cycling</b>	<b>EPO2, EPO10</b>			EPO 1, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 11	<b>No</b>
<b>BK.03.04.05 Environment &amp; heritage.</b>	<b>EPO3</b>			EPO 1, EPO 2, EPO 4, EPO 5, EPO 6,	<b>No</b>

Table 4.2 Strategic Environmental Assessment of the Proposed Amendments					
Amendment Ref No.	Impact of EPO's				Mitigation Required? Yes / No
	+	-	?	NE Neutral	
				EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	
<b>BK.03.04.06</b> <b>Walking &amp; Cycling</b>	<b>EPO2</b> <b>EPO10</b>			EPO 1, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 11	<b>No</b>
<b>BK.03.04.08</b> <b>CL-GO-08</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.09</b> <b>CL-GO-09</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.10</b> <b>CL-R-07</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.11</b> <b>CL-R-10</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7,	<b>No</b>

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<b>Table 4.2 Strategic Environmental Assessment of the Proposed Amendments</b>					
<b>Amendment Ref No.</b>	<b>Impact of EPO's</b>				<b>Mitigation Required? Yes / No</b>
	<b>+</b>	<b>-</b>	<b>?</b>	<b>NE Neutral</b>	
				EPO 8, EPO 9, EPO 10, EPO 11	
<b>BK.03.04.12 CL-R-11</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.13 CL-R-14</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.14 CL-R-15</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.15 CL-R-16</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.16 CL-R-17</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6,	<b>No</b>



Table 4.2 Strategic Environmental Assessment of the Proposed Amendments					
Amendment Ref No.	Impact of EPO's				Mitigation Required? Yes / No
	+	-	?	NE Neutral	
				EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	
<b>BK.03.04.17</b> <b>CL-T-01</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	
<b>BK.03.04.18</b> <b>CL-T-01</b>	<b>EPO1</b>			EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.19</b> <b>CL-U-05</b>	<b>EPO2, EPO10</b>			EPO 1, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 11	<b>No</b>
<b>BK.03.04.20</b> <b>CL-U-08</b>	<b>EPO2, EPO10</b>			EPO 1, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 11	<b>No</b>
<b>BC.03.04.21</b> <b>CL-R-06</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10,	<b>No</b>

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<b>Table 4.2 Strategic Environmental Assessment of the Proposed Amendments</b>					
<b>Amendment Ref No.</b>	<b>Impact of EPO's</b>				<b>Mitigation Required? Yes / No</b>
	<b>+</b>	<b>-</b>	<b>?</b>	<b>NE Neutral</b>	
				EPO 11	
<b>BK.03.04.22 M-28</b>	EPO 2,  EPO 10			EPO 1, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 11	<b>No</b>
<b>BK.03.04.23 CL-U-13</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.24 CL-R-04</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.25 CL-U-07</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.26 CL-U-07</b>	<b>EPO2, EPO10</b>			EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>

Table 4.2 Strategic Environmental Assessment of the Proposed Amendments					
Amendment Ref No.	Impact of EPO's				Mitigation Required? Yes / No
	+	-	?	NE Neutral	
BK.03.04.27 CL-B-02/ CL-O-10	EPO2 EPO1 EPO10			EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 11	No
BK.03.04.28 CL-RA-01	EPO10			EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 11	No
BK.03.04.29 CL-GO-02				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	No
BK.03.04.30 CL-GO-03	EPO-03			EPO 1, EPO 2, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	No
BK.03.04.31 CL-R-18				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	No
BK.03.04.32	EPO1			EPO 1, EPO 2, EPO 3,	No

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<b>Table 4.2 Strategic Environmental Assessment of the Proposed Amendments</b>					
<b>Amendment Ref No.</b>	<b>Impact of EPO's</b>				<b>Mitigation Required? Yes / No</b>
	<b>+</b>	<b>-</b>	<b>?</b>	<b>NE Neutral</b>	
<b>CL-B-01</b>				EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	
<b>BK.03.04.33 Coastal Zone mapping (See Map Reference BK.03.04.02 in Section 3)</b>	<b>EPO2 EPO11</b>			EPO 1, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10,	<b>No</b>
<b>BK.03.04.35 CL-R-06</b>				EPO 1, EPO 2, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 10, EPO 11	<b>No</b>
<b>BK.03.04.37 CL-GO-11</b>	<b>EPO2 EPO10</b>			EPO 1, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 11	<b>No</b>
<b>BK.03.04.38 Carrigaline Area Transport Study.</b>	<b>EPO2 EPO10</b>			EPO 1, EPO 3, EPO 4, EPO 5, EPO 6, EPO 7, EPO 8, EPO 9, EPO 11	<b>No</b>
<b>BK.03.04.40 CL-R-09</b>				EPO-01- 11	
<b>BK.03.04.41 CL-U-13</b>				EPO-01- 11	

Table 4.2 Strategic Environmental Assessment of the Proposed Amendments					
Amendment Ref No.	Impact of EPO's				Mitigation Required? Yes / No
	+	-	?	NE Neutral	
<b>Section 4 Key Villages</b>					
BK.04.02.01 Scale of dev				EPO 1 to 11	Screened out
<b>Ballinspittle</b>					
BK.04.03.01				EPO 1 to 11	Screened out
BK.04.03.02				EPO 1 to 11	Screened out
<b>Belgooly</b>					
BK.04.04.01	EPO-1, 2, 6, 7, 10			EPO-3 to 5, EPO-8, 9	Screened out
BK.04.04.02				EPO 1 to 11	Screened out
BK.04.04.03				EPO-1 to 11	Screened out
<b>Crosshaven and Bays</b>					
BK.04.05.01	EPO-3			EPO-1, 2, EPO-4- 11	Screened out
BK.04.05.02	EPO-1, 2, 6, 7, 9- 11			EPO-3- 5, EPO-8	Screened out
BK.04.05.03	EPO-1, 2, 6, 7, 9- 11			EPO-3- 5, EPO-8	Screened out

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<b>Table 4.2 Strategic Environmental Assessment of the Proposed Amendments</b>					
<b>Amendment Ref No.</b>	<b>Impact of EPO's</b>				<b>Mitigation Required? Yes / No</b>
	<b>+</b>	<b>-</b>	<b>?</b>	<b>NE Neutral</b>	
BK.04.05.04				EPO-1-11	Screened out
BK.04.05.05	EPO-1, 2, 4, 6-8, 10			EPO-3, 5, 9, 11	Screened out
BK.04.05.06				EPO-1-11	Screened out
BK.04.05.07				EPO 1-11	Screened out
BK.04.05.08	EPO-11			EPO 1 - 10	Screened out
BK.04.05.09	EPO-11			EPO 1 - 10	Screened out
BK.04.05.10				EPO-1-11	Screened out
BK.04.05.11				EPO-1-11	Screened out
<b>Inishannon</b>					
BK.04.06.01				EPO-1-11	Screened out
BK.04.06.02				EPO-1-11	Screened out
BK.04.06.03				EPO	Screened out
BK.04.06.04				EPO	Screened out
<b>Riverstick</b>					
BK.04.07.01			EPO-03, EPO-09	EPO 1 to 2, 4 to 8, 10 to 11	Screened out
BK.04.07.02				EPO 1 to 11	Screened out
<b>Section 5 Villages, Village Nuclei and Other Locations</b>					

Table 4.2 Strategic Environmental Assessment of the Proposed Amendments					
Amendment Ref No.	Impact of EPO's				Mitigation Required? Yes / No
	+	-	?	NE Neutral	
<b>Villages</b>					
BK.05.01.12				EPO 1 to 11	Screened out
<b>Ballinadee</b>					
BK.05.01.11	EPO-1			EPO 2 to 11	Screened out
<b>Ballygarvan</b>					
BK.05.01.08	EPO-2			EPO 1, EPO-3 to 11	Screened out
<b>Kilbrittain</b>					
BK.05.01.01	EPO 3			EPO 1, 2, EPO- 4 to 11	Screened out
BK.05.01.02	EPO-1, 3, 5			EPO-2, 4, 6-11	Screened out
BK.05.01.03	EPO-11			EPO-1- 10	Screened out
BK.05.01.04	EPO-1			EPO-2- 11	Screened out
BK.05.01.10	EPO-1			EPO-2- 11	Screened out
BK.05.01.12	EPO-1			EPO-2- 11	Screened out
BK.05.01.13	EPO-11			EPO-1- 10	Screened out
<b>Minane Bridge</b>					

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<b>Table 4.2 Strategic Environmental Assessment of the Proposed Amendments</b>					
<b>Amendment Ref No.</b>	<b>Impact of EPO's</b>				<b>Mitigation Required? Yes / No</b>
	<b>+</b>	<b>-</b>	<b>?</b>	<b>NE Neutral</b>	
BK.05.01.05	EPO-1			EPO-2-11	Screened out
BK.05.01.06	EPO-1			EPO-2-11	Screened out
<b>Oldchapel</b>					
BK.05.01.07				EPO-1-11	Screened out
BK.05.01.08	EPO-1			EPO-2-11	Screened out
<b>Village Nuclei</b>					
BK.05.03.05				EPO 1 to 11	Screened out
<b>Aghyohil</b>					
BK.05.02.01	EPO 1			EPO 2 to 11	Screened out
<b>Dunderrow</b>					
BK.05.01.09	EPO 1			EPO 2 to 11	Screened out
<b>Garrettstown/ Garrylucas</b>					
BK.05.02.02	EPO-11			EPO 1 to 10	Screened out
BK.05.02.03	EPO-1			EPO 2 to 11	Screened out
BK.05.02.04	EPO-1			EPO 2 to 11	Screened out



Table 4.2 Strategic Environmental Assessment of the Proposed Amendments					
Amendment Ref No.	Impact of EPO's				Mitigation Required? Yes / No
	+	-	?	NE Neutral	
<b>Other Locations</b>					
<b>Kilmaccsimon Quay</b>					
BK.05.02.04			EPO-9	EPO-1 to 8, EPO-10 to 11	Screened out
<b>Robert's Cove</b>					
BK.05.03.01	EPO-1			EPO-2-11	Screened out
<b>Sandycove</b>					
BK.05.03.02	EPO-1			EPO-2-11	Screened out
BK.05.02.03	EPO-1			EPO-2-11	Screened out

### Public Consultation on the Proposed Amendments

3.4.4 The amendments were placed on public display for a further period of public consultation with the addendum to the Environmental Report and the supporting environmental assessments during the month of May 2017.

3.4.5 A total of 29 submissions were received on the proposed amendments. These included submissions from members of the public and statutory consultees. Details of all the submissions received were detailed in the Chief Executive's Report to Members in June 2017. All submissions were summarised in this report and responded to by the Chief Executive. The Key issues arising from the submission were identified in the Chief Executives Report as being :

- a) Submissions in support of the specific amendments or proposed new zonings.
- b) Submission opposed to specific amendments or new zonings
- c) Submission requesting additional new zonings or changes to the published amendments
- d) Additionally a number of issues were raised with regard to the Strategic Land Reserve/Active Land Management, asserting the need for more clarification on the process involved and highlighting attributes of individuals SLT sites which in the

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opinion of the submitter made them most suitable for development over alternative sites in the near term.

- e) Some of the submissions did not refer to the amendments and were therefore outside of the scope of this part of the process.

3.4.6 In terms of the submissions from the Statutory Bodies, the submission from the Environmental Protection Agency was the only one to specifically reference the SEA process.

3.4.7 The submissions from the Department of Housing, Planning, Community and Local Government, the Southern Regional Assembly and Department of Education and Skills were generally positive and supportive of the approach taken in the amendments. No changes were proposed to the published amendments in response to these submissions.

3.4.8 The submission from the National Transport Agency sought to ensure that plans are modified to reflect the outcome of transport studies which are currently underway / will be completed in the future and to ensure they are consulted in relation to the development strategies for the Urban Expansion areas. The NTA recommend omission of amendments in relation to the Strategic Land Reserve, Outlet Centres and Large Scale Retail Warehousing and seek further detailed consultation in relation to proposal for a new hospital within the Science Park and proposals in relation to Cork Airport. No changes were proposed to the published amendments in response to this submission.

3.4.9 The submission from Transport Infrastructure Ireland (TII) made a number of points about the protection of lands associated with National Road Projects, and the need to protect existing national routes from inappropriate development. No changes were proposed to the published amendments in response to this submission, although it is proposed to include additional non material text in Section One of the Plan re the protection of national route corridors.

3.4.10 The submission from the EPA acknowledges the Councils position with regard to the SEA of the amendments to the plan and comments on the amendments proposed in relation to the flood risk management, the core strategy, infrastructure led development, transport planning, protection of water quality and reminds the Council of the need to assess any future amendments to the plan and prepare the final SEA Statement. No changes were proposed to the published amendments in response to this submission

3.4.11 One individual submission from a non statutory body was received in relation to SEA. This submission raises a number of points in relation to the following aspects of the process or details contained therein

- **Table 3.11, Point 6, SEA Environmental Report.**

This is a response to the concern expressed by the EPA that habitat mapping was used to inform the plans and particularly the identification of key ecological corridors. The response includes the phrase: "It is has not been possible to complete habitat mapping for the other main towns of the county in time to inform the LAP process, but the projects outputs will be able to inform the Councils wider planning functions." The submissions requests clarification regarding this statement.

- **Table 4.1, SEA Environmental Report, Appendix A**

This submission states that EP-01 requires all large scale housing development to be accompanied by a Design Statement. What defines "large scale" is asked and it is stated that this needs to be included for clarity to landowners/developers. Furthermore, it is stated that

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EP01 needs to also require large scale housing developments to include a Green Infrastructure Plan. This is an aim of Objective GI 3.2 of the Cork County Development Plan 2014.

3.4.12 The submission states that EP06 is for the protection and improvement of air quality and that the target to achieving this objective is to monitor trends in air quality data. The submission states that without air quality monitors in the county area, this target is an irrelevance because it cannot be delivered on. The submission further states that neither the EPA nor Cork County Council currently has any real time air monitoring units in the County area at all, and, if there is opportunity at this stage to commit to real time air monitoring in Cork County, whether independently as a local authority or in conjunction with the EPA, that would be very welcome and well overdue.

3.4.13

3.4.14 The submission states that neither the draft Plan nor the amendments contain any EPO relating to noise. This is considered a significant omission as it impacts greatly on the health and wellbeing of both people and natural ecosystems. It is considered essential that this is included, and, the submission further states that this issue was raised this issue at first draft stage also.

3.4.15 The submission states that the inadequacy of EPO-7 was also raised at the first draft stage of the Plan. The proposed indicators of EPO-7 - considered a critical environmental objective pertaining to climate change - are stated as being only the number of wind turbines and the number of developments built in flood zones. This is considered a critically inadequate selection of factors which affect the climate change issue.

3.4.16 On this topic, the submitter cannot see that the Environmental Report contains any assessment of the climate change implications of the objectives of this Local Area Plan. The submission states that it may be argued that the climate change implications analysis has been done at County Development Plan stage and that this Local Area Plan is merely actioning at local level the objectives of the County Development Plan, but the climate change adaptation requirements of the National Climate Change Adaptation Framework are considered quite explicit and the submitter cannot see that these are considered in the County Development Plan either, as follows:

- An assessment of how climate trends and weather events have impacted on our county and the implications of this for service delivery.
- An audit of policies and measures currently being enacted
- Assessing the risk of how climate change may impact our county both now and into the future and the impact of this risk on our objectives and targets.
- Changes to existing measures and the introduction of new measures to climate-proof our objectives and targets.

3.4.17 This submission considers that the Local Area Plan now being prepared for this Municipal District to be in force for the coming six years - has had no real climate change assessment carried out on it.

3.4.18 Please see the Chief Executives Report to Members dated 16th June 2017 for further details of the individual submissions and the Chief Executive's recommendations.

**Modifications to amendments as recommended by the Chief Executive.**

3.4.19 Having considered the submissions received in response to the publication of the amendments proposed for the Draft Bandon Kinsale Municipal District Local Area Plan, 3 minor non material modifications to the published amendments were recommended by the Chief Executive.

3.4.20 The first, in response to the submission from TII, proposed to insert some additional non-material text into Section One of each plan under the heading of 'Traffic and Transport' (Amendment BK.01.07.04) as follows:

*'The Council, in consultation with the Transport Infrastructure Ireland, will protect proposed national road route corridors where the route selection process has been completed/approved and where preferred route corridors have been identified. The line of these Route Protection Corridors is shown in Volume 3 LAP Map Browser which is accessible through [www.corkcoco.ie](http://www.corkcoco.ie)'.*

***This change is considered MINOR (non-material) in nature.***

3.4.21 Amendment BK.03.04.18 contains some minor modifications largely minor textual changes. This modification is in response to a submission which suggested greater clarity and certainty be provided in the amendment in relation to pedestrian access from the T-01 site in Carrigaline to the town's main street and that mix of residential can be provided on the southern part of the T-01 site which backs onto existing residential development on Kilmoney Road.

***This change is considered MINOR (non-material) in nature.***

3.4.22 Amendment BK.03.04.28 relates to the Old Pottery Site in Carrigaline which has been identified as a Regeneration Area. Previously the amendment stated that the site is suitable for a large scale stand alone retailer, in response to a submission regarding same, this has been modified to large scale stand alone retailers.

***This change is considered MINOR (non-material) in nature.***

## 4 Reasons for choosing the Plan as adopted.

### 4.1 Introduction

4.1.1 This section of the Environmental Statement describes the different scenarios that were considered by the Council as part of the preparation of the Draft Bandon Kinsale Municipal District Local Area Plan, and the SEA process, and the reasons for choosing the plan as adopted, in the light of the reasonable alternatives dealt with in accordance with Article 9 of the Directive.

### 4.2 Context for considering Alternatives

4.2.1 Three alternative scenarios were considered as part of the preparation of the Draft Local Area plan. As a Local Area Plan is at the lower end of the statutory plan hierarchy, and the Planning Acts require a Local Area Plan to be consistent with the objectives of the development plan, its core strategy and any regional spatial and economic strategy that applies to the area, the scope for considering alternatives is very limited as the key parameters have already been determined by the higher level plans.

4.2.2 In Cork, successive County Development Plan strategies have sought to encourage balanced growth across the county to sustain the economies and service levels of the main towns and villages. The Regional Planning Guidelines support this balanced approach to development in order to maintain vibrant rural communities with an equal level of urban and rural growth. In this context the key aims of the Local Area Plan support the continuation of this approach, seeking sustainable patterns of growth in urban and rural areas.

4.2.3 Bandon Kinsale Municipal District has an extensive urban structure and the Bandon Kinsale Municipal District Local Area Plan provides for the development of the 3 main towns, 5 Key Villages, 7 villages, 10 Village Nuclei and 10 Other Locations. The overall population target of the District has already been set by the County Development Plan. The scenarios considered in preparing the Plan have therefore been prepared in this context. The overall level of growth allocated to the Municipal District is the same for each scenario, in line with the Core Strategy in the County Development Plan. The scenarios look at options for development within the Municipal District. Scenarios which would be inconsistent with this approach, by increasing or reducing the overall level of growth within the Municipal District for example, have not been considered.

4.2.4 The Scenarios considered for the Bandon Kinsale Municipal District were as follows:

- Scenario 1 Public Transport
- Scenario 2 Employment Towns
- Scenario 3 Balanced Growth.

4.2.5 The scenarios are discussed further below.

#### **SEMPRe**

4.2.6 The assessment of the alternative scenarios was also informed by the SEMPRE Settlement Sustainability project for Cork which was completed in 2013. The study involved a detailed analysis of the sustainability of the 26 main towns in County Cork using Sustainability Evaluation Metric for Policy Evaluation (SEMPRe) which is an indicator based method of sustainability measurement. The study identified the relative sustainability of the 26 main towns using a series

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of 25 sustainable indicators, (Table 5-2) of which 5 were identified as key performance indicators (measure significant aspects of sustainability). Each settlement was assessed and awarded a score out of 100, enabling settlements to be ranked in terms of relative sustainability. The Sustainable Development Index (SDI) scores for the 26 main settlements in Cork are detailed in Table 5-1 and are organised into 3 categories. It can be observed that in general, larger settlements are more sustainable and as distance from Cork city increases, settlement sustainability decreases:

- Category 1 settlements have the highest SDI results,
- Category 2 have intermediate SDI results, and
- Category 3 has the lowest SDI results.

<b>Table 4.1 Settlement Sustainable Development Indicators</b>
<b>Infrastructure and location</b>
Infrastructural capacity for settlement expansion**
Connected to gas distribution network
Index of recycling facilities
Proportion of households with broadband internet
Presence of farmers markets
<b>Water and wastewater</b>
Water quality of water bodies
Wastewater treatment spare capacity
Unaccounted for water
Populated area at risk of flooding**
Urban wastewater treatment status
<b>Population and urban form</b>
Planned population density **
Proportion of population unemployed
Proportion of population with 3 <sup>rd</sup> level education
Housing vacancy rate
Distance to nearest largest retail centre
<b>Transport and energy</b>
Average transport CO <sub>2</sub>
Settlement walkability
Number of public transport services/1000 population**
Average household heating CO <sub>2</sub>
Proportion of population travelling to work by private car
<b>Livability</b>
Distance to nearest acute hospital**
Tidy Towns points score
SAC, SPA, HA within 5km of settlement
Distance to nearest park, nature reserve or wildlife park
Presence of 24 hour Garda station
<b>** key performance indicators</b>

<b>Table 4.2: Main Towns Sustainable Settlement Ranking</b>			
<b>Settlement</b>	<b>SDI Score 2013</b>	<b>Category</b>	<b>Population 2011</b>
Ballincollig	62.8	1	17,368
Blarney	61.5	1	2,437
Carrigaline	57.2	1	14,775
Carrigtwohill	56.8	1	4,551
Midleton	54.9	1	12,001
Cobh	54.8	1	12,347
Bandon	54.5	1	6,640
Mallow	53.6	1	11,605
Glanmire	53.5	1	8,924
Bantry	53.1	1	3,348
Clonakilty	50.3	2	4,721
Kinsale	50.3	2	4,893
Fermoy	49.6	2	6,489
Passage West	48.6	2	5,709
Macroom	46.7	2	3,879
Buttevant	46.1	2	945
Schull	43.8	2	658
Mitchelstown	42.8	2	3,677
Charleville	41.1	3	3,646
Newmarket	41.0	3	988
Skibbereen	39.2	3	2,670
Youghal	38.2	3	7,794
Dunmanway	37.8	3	1,585
Castletownbere	37.7	3	912
Millstreet	36.7	3	1,574
Kanturk	35.3	3	2,263

#### 4.2.30

4.2.31 In general Category 1 settlements are relatively large in terms of population size and are located in relatively close proximity to Cork city. Category 1 settlements benefit from economies of scale in terms of infrastructure and services. All settlements in the County Metropolitan Strategic Planning Area are Category 1 settlements with the exception of Passage West which falls into Category 2. Category 1 settlements outside of the Metropolitan SPA are: Mallow, Bandon and Bantry.

4.2.32 Category 2 settlements generally have smaller population sizes and are more peripheral relative to Cork City. Certain settlements such as Schull and Buttevant have population sizes of less than 1,000 persons and peripheral locations yet fall into the intermediate sustainability category.

4.2.33 Category 3 settlements are the least sustainable (with an average SDI of 38.4) and range in population size from Castletownbere (912 persons) to Youghal (7,794 persons) with an average of 2,682 persons. In general category 3 settlements are smaller settlements sited in more peripheral locations relative to Cork city, and are mainly located in the North and West Strategic Planning areas.

4.2.34 The score each town receives is determined by how the town measures up in relation to the indicators used in the study which were arrived at following consultation with a range of stakeholders. Indicators chosen were limited by data availability and applicability at the spatial scale of individual towns and it is acknowledged that the use of different indicators may yield different results. The lack of public transport provision and the high reliance on the private car as a means of travelling to work means that most settlements score poorly in terms of transportation while those with an older housing stock score poorly in terms of energy due to higher household heating CO2 emissions. Proximity to the city influenced two indicators (proximity to large retail centre and an acute hospital) so for some towns their sustainability automatically decreases with distance from the city. The results of the Study have informed the consideration of alternative scenarios for development in the formulation of the local area plan.

### 4.3 Description of Alternative Plan Scenarios

4.3.1 Bandon Kinsale Municipal District has a narrower urban structure of towns and villages compared to others within the County. The Bandon Kinsale Municipal District Local Area Plan provides for the development of 3 main towns (including Carrigaline South) and 34 villages and smaller settlements. Table 2.1 show the network of settlements provided for within the current Bandon Kinsale Municipal District Local Area Plan.

4.3.2 Successive County Development Plan strategies have sought to encourage balanced growth across the county to sustain the economies and service levels of the main towns and villages and the key aims of the Draft Plan support the continuation of this approach, seeking sustainable patterns of growth in urban and rural areas.

4.3.3 The Regional Planning Guidelines support this balanced approach to development in order to maintain vibrant rural communities with an equal level of urban and rural growth. The population targets set out in Regional Planning Guidelines distribute the population growth target for the SW Region to the Cork Gateway (including Metropolitan Cork), the Greater Cork

Area, equivalent to the CASP Ring, the Northern Area which includes North Cork and parts of North and East Kerry, and the Western Area which includes West Cork and South and West Kerry. Targets for the North and West Areas have been allocated between Cork and Kerry in their respective County Development Plan strategies.

4.3.4 The scenarios considered in preparing this Draft Plan have therefore been prepared in this context. The overall level of growth allocated to each Municipal District is the same for each scenario, in line with targets of the Core Strategy in the County Development Plan and the Regional Planning Guidelines. The scenarios look at options for development within each Municipal District. Scenarios which would be inconsistent with this approach, by focusing more growth on one Municipal District over another for example, have not been considered.

### **Scenario 1: Public Transport**

4.3.5 This scenario seeks to focus a greater proportion of development in a smaller number of settlements to enhance the viability of bus based inter-urban public transport services. Under this scenario the potential for growth is still dispersed over the entire settlement network but a greater proportion of the growth is focused on a smaller number of locations.

4.3.6 Very little growth has been allocated to the rural area under this scenario. It is anticipated that the reduced growth targets for the rural areas combined with a revised approach to managing rural housing, would serve to further consolidate growth in those areas along the preferred public transport corridors.

4.3.7 In the Bandon Kinsale Municipal District, this scenario reallocates growth, with a larger proportion of the population directed towards Bandon with the aim of delivering a sufficient critical mass of population in this town so as to justify further investments in primarily bus based public transport and growth in rural areas is curtailed.

### **Environmental Impacts of Scenario 1**

4.3.8 Scenario One allocates some growth to every settlement in the network and to villages and rural areas, while seeking to concentrate a greater proportion of the growth in Bandon. Many of the settlements within the Municipal District have inadequate drinking water supply and/or waste water treatment infrastructure, and significant public investment in infrastructure will be required to enable such development to take place. Such investment is essential to accommodate the growth and mitigate impacts on water quality, human health etc. This dispersed pattern of growth will generally give rise to some cumulative impacts on ground and surface water quality, heritage, landscape and biodiversity and will lead to increased levels of environmental effects associated with additional commuting such as increased energy consumption, emissions to air, road traffic noise etc.

4.3.9 In Bandon where the more intense levels of growth are promoted, there is greater potential for negative environmental impacts on soil, air quality, biodiversity and landscape. Such impacts can however be managed by adherence to good practice guidance and procedures in development management. Intense development in some areas would also be balanced with lower development pressures in other areas, particularly the villages and rural areas which will lead to less pressure on biodiversity, groundwater resources, flora and fauna etc. and the general rural amenities of the county.

4.3.10 Investment in infrastructure in the main growth centre of the Municipal District can be more targeted, potentially leading to better quality provision of public transport facilities which can



strengthen Bandon’s position as a market town and its strategic links with Cork City and the towns of Clonakilty and Skibbereen (which would also be served by an enhanced public transport corridor). Additional investment in infrastructure could promote additional inward investment and economies of scale in niche agri-business within the town whilst also enhancing accessibility of the town as a place to visit, for shopping or tourism purposes.

4.3.11 Within the main growth area of Bandon, the correlation between population growth and public transport infrastructure will have a neutral to positive environmental impact particularly on air quality, climatic factors and human health due to the reduction in the need to travel and road traffic emissions. The concentration of population within the built up area of the city and its environs might also encourage a greater proportion of people to consider a move to other modes of transport such as walking and cycling with positive benefits on human health, air quality etc.

### Planning Effects of Scenario One

4.3.12 While the settlement pattern for the county remains dispersed, overall commuting should decrease as a greater proportion of population growth is accommodated in the main settlement where public transport is available, reducing commuting distances and car dependency with associated positive benefits for the population.

4.3.13 The concentration of growth in the manner proposed by this strategy may lead to reduced levels of investment in the other areas which may have negative impacts on quality of life and the quality of the urban environment if there are higher levels of vacancy. The reduced population targets for Kinsale and Carrigaline which are outside the proposed transport corridor may also hinder their ability to secure investment in waste water infrastructure in the future if there are lower levels of population and employment growth.

4.3.14 Dispersed settlement pattern means limited resources for infrastructural investment have to be spread over a large number of settlements, leading to deficiencies in the level of service provided with potential for negative impacts on the environment (most likely in the area of waste water treatment and water quality). The reduced population targets for towns outside the corridor may also hinder their ability to secure investment in waste water infrastructure in the future if there are lower levels of population and employment growth.

**Table 5.3: Scenario 1 Population Targets**

	Census Population 2011	CDP 2014 2022 Target Population	Scenario 1 Population Target 2022	Scenario 1 Population Growth 2011 - 2022
<b>Bandon Kinsale MD</b>				
Bandon	6,540	7,765	8,634	2,094
Kinsale	4,893	5,722	5,471	578
Carrigaline (South)	4,858	5,876	5,458	500
<b>Total Main Towns</b>	<b>16,391</b>	<b>19,363</b>	<b>19,563</b>	<b>3,172</b>
<b>Villages and Rural</b>	<b>26,063</b>	<b>26,641</b>	<b>26,441</b>	<b>378</b>
<b>Total Bandon Kinsale MD</b>	<b>42,454</b>	<b>46,004</b>	<b>46,004</b>	<b>3,550</b>

## **Scenario 2: Employment Towns.**

4.3.15 This Scenario looks at employment-led growth which focuses development in key locations where employment growth is more likely to be delivered and differs from previous Plan strategies which spread growth more evenly across all the Main Settlements.

4.3.16 Within Bandon Kinsale Municipal District this scenario focuses growth in Bandon and Kinsale with reduced growth targets in Carrigaline. This takes account of the proposed employment policies of the Plan. This approach reinforces the important employment focus of the Ring Towns of Bandon and Kinsale as acknowledged in the County Development Plan. It is acknowledged that Carrigaline functions as a commuter town and relies on the City and the nearby strategic employment area of Ringaskiddy to fulfill its employment function.

### **Environmental Impacts Scenario Two**

4.3.17 Scenario Two allocates growth across the full settlement network, while seeking to concentrate a greater proportion of the growth in a smaller number of settlements where economic/employment growth may be more easily achieved. Both Bandon and Kinsale have inadequate drinking water supply and/or waste water treatment infrastructure, and significant public investment in infrastructure will be required to enable such development to take place. Such investment is essential to accommodate the growth and mitigate impacts on water quality, human health etc. This dispersed pattern of growth will generally give rise to some cumulative impacts on ground and surface water quality, heritage, landscape and biodiversity and will lead to increased levels of environmental effects associated with additional commuting such as increased energy consumption, emissions to air, road traffic noise etc.

4.3.18 This scenario concentrates economic growth and employment growth in the principal settlements, making them more self sufficient. This could potentially have negative impacts on soil, air quality, heritage, biodiversity and landscape but these impacts can be mitigated by implementing good proactive in development management and would be balanced with lower development pressures in other areas, particularly the villages and rural areas with less pressure on the water quality, biodiversity, landscape etc. in these areas. In addition more people will have the opportunity to work locally and possible switch to walking or cycling modes, thus reducing travel distances, traffic volumes and traffic emissions within positive benefits to air quality, climatic factors and human health.

4.3.19 The concentration of growth in the manner proposed by this strategy may lead to reduced levels of investment in the other areas which may have negative impacts on quality of life and the quality of the urban environment if there are higher levels of vacancy and reduced employment opportunities at these locations. The reduced population targets for towns outside the designated employment nodes may also hinder their ability to secure investment in waste water infrastructure in the future if there are lower levels of population and employment growth.

### **Planning Impacts**

4.3.20 The concentration of growth in the manner proposed by this strategy will strengthen the economic position of Bandon and Kinsale as the main growth centres, underpinning further investment and making them more attractive places to live. The strategy may also lead to reduced levels of investment in the other areas which may have negative impacts on quality of life and the quality of the urban environment of those areas if there are higher levels of vacancy and reduced employment opportunities at these locations. The reduced population targets for

some towns may also hinder their ability to secure investment in waste water infrastructure in the future if there are lower levels of population and employment growth.

- 4.3.21 Lower levels of development in the rural areas will help conserve the landscape and amenity of those areas, potentially making it more attractive for visitors.

<b>Table 5.4: Scenario 2 Population Targets</b>				
	<b>Census Population 2011</b>	<b>CDP 2014 2022 Target Population</b>	<b>Scenario 2 Population Target 2022</b>	<b>Scenario 2 Population Growth 2011 - 2022</b>
<b>Bandon Kinsale MD</b>				
Bandon	6,540	7,765	8,040	1500
Kinsale	4,893	5,722	6,393	1500
Carrigaline (South)	4,858	5,876	5,158	300
<b>Total Main Towns</b>	<b>16,391</b>	<b>19,363</b>	<b>19,691</b>	<b>3,300</b>
<b>Villages and Rural</b>	<b>26,063</b>	<b>26,641</b>	<b>26,313</b>	<b>250</b>
<b>Total Bandon Kinsale MD</b>	<b>42,454</b>	<b>46,004</b>	<b>46,004</b>	<b>3,550</b>

### Scenario 3: Balanced Growth

- 4.3.22 In this scenario the target growth is split between the main settlements and the villages and rural areas. The principle strength of this scenario lies in the balanced approach allowing for moderate growth to take place in the main settlements but at the same time allowing for continued growth in the villages and rural areas, continuing to support the economies of these areas to underpin local services and quality of life. The pattern of population distribution in this scenario is more dispersed than in the other scenarios as it seeks to support all the main towns. However this is balanced with an employment strategy which seeks to bring people and jobs closer together either in the same settlement or by high quality transport links connecting settlements together.
- 4.3.23 In the Bandon Kinsale Municipal District, half of the growth is split between the three towns of Bandon, Kinsale and Carrigaline (South) with more modest growth in the villages and rural areas.

### Environmental Impacts

- 4.3.24 The concentration of both population and employment growth in the main urban areas of the Municipal District would serve to reduce commuting patterns as more people would be afforded greater opportunities to live closer to their places of employment and/or travel using high quality public transport links. Such an approach would have a positive environmental effect by serving to reduce CO2 emissions and would enhance people's quality of life.
- 4.3.25 Focusing population growth across the settlement network will necessitate significant investment in water services infrastructure.
- 4.3.26 While allowing for growth in rural areas, this scenario will result in some negative impacts on the environment. It is unlikely that developments in rural area will be connected to public

wastewater treatment networks. While not as significant on their own, the cumulative impact of rural development could have significant negative impacts both on biodiversity and particularly on water quality.

4.3.27 This scenario would still give rise to the growth of rural housing outside the settlement network which would contribute to further unsustainable commuting patterns and increased car dependency.

### Planning Impacts

4.3.28 In common with the other scenarios, this scenario has a strong urban influence. It sets out population targets for the main settlements that will ultimately help them perform their function as the primary growth centres in the Municipal District.

4.3.29 The scenario also recognises that there is a demand for growth in rural areas and provides for some additional growth in the key villages and lower order settlements in rural areas. Facilitating population growth in these areas would in turn encourage the retention of services in these locations. The scale of growth envisaged however is not of a scale that would serve to undermine the growth of the main urban centres in the county.

**Table 5.5: Scenario 3 Population Targets**

	Census Population 2011	CDP 2014 2022 Target Population	Scenario 3 Population Target 2022	Scenario 3 Population Growth 2011 - 2022
<b>Bandon Kinsale MD</b>				
Bandon	6,540	7,765	7,765	1,225
Kinsale	4,893	5,722	5,722	829
Carrigaline	4,858	5,876	5,876	1,018
<b>Total Main Towns</b>	<b>16,391</b>	<b>19,363</b>	<b>19,363</b>	<b>2,972</b>
<b>Villages and Rural</b>	<b>26,063</b>	<b>26,641</b>	<b>26,641</b>	<b>578</b>
<b>Total Bandon Kinsale</b>	<b>42,454</b>	<b>46,004</b>	<b>46,004</b>	<b>3,550</b>

## 4.4 Evaluation of Alternative Scenarios

4.4.1 The evaluation of the three proposed alternative scenarios for their respective impacts on the environment was undertaken utilising the Environmental Protection Objectives (EPOs) specifically developed to protect, maintain, conserve or restore environmental elements within the Municipal District. Each scenario was assessed as to whether it was likely to have a positive, negative, uncertain or neutral impact on the EPO's. The EPO's against which the three scenarios were assessed are set out in Section 4, Table 4.1 and are outlined below together with a matrix assessment of each scenario.

4.4.2 All scenarios are assessed on the basis **that appropriate water services infrastructure will be available to cater for growth and development will not be permitted in the absence of this critical infrastructure.**

EPO Reference number	Table 5.6: Environmental Objectives
EPO 1	To ensure the sustainable development of Cork County so the people of Cork have the opportunity to live in communities with high quality residential, working and recreational environments with sustainable travel patterns.
EPO 2	To protect and enhance human health and manage hazards or nuisances arising from traffic and incompatible land uses.
EPO 3	Throughout the county, conserve and restore ecosystems, habitats and species in their natural surroundings, and ensure their sustainable management, including the ecological corridors between them.
EPO 4	Protect the function and quality of the soil resource in County Cork
EPO 5	Maintain and improve the quality of water resources and improve the management and sustainable use of these resources to comply with the requirements of the WFD.
EPO 6	Protect and improve air quality.
EPO 7	Contribute to mitigation of, and adaptation to, climate change
EPO 8	Protect and, where appropriate, enhance the character, diversity and special qualities of architectural, archaeological and cultural heritage (including Gaeltachtaí) in County Cork.
EPO 9	Protect and, where appropriate, enhance the character, diversity and special qualities of landscapes in County Cork.
EPO 10	Make best use of the material assets of the county and promote the sustainable development of new infrastructure to provide for the current and future needs of the population.
EPO 11	Protect flood plains and areas at risk of flooding from inappropriate development.

## 4.5 The Preferred Scenario

- 4.5.1 The Planning Acts require that a Local Area Plan must be consistent with the objectives of the development plan, its core strategy and any regional spatial and economic strategy that applies to the area. This makes the consideration of alternative scenarios more difficult and the key parameters have already been determined. The provisions of the core strategy imply that higher level plans are the ones where the strategic alternative scenarios need to be considered and subjected to rigorous environmental assessment.
- 4.5.2 Given the parameters established by the Regional Planning Guidelines and the extensive nature of the designated settlement network within the county, the alternatives considered in preparing the draft plan are all rather similar in promoting balanced development across the county and have relatively similar impacts.
- 4.5.3 Scenario 3 is the one that places the most emphasis on building on what has already been achieved within the county in terms of supporting the network of settlements, the established employment areas while continuing to support the development of villages and rural areas and it is therefore the preferred scenario, giving the most positive interaction for most of the population with EPO 1. Scenarios 1 and 2 in promoting a more focused development pattern would inevitably lead to the decline and contraction of some of the other villages and rural areas resulting in the loss of economic opportunities in those areas, reduced investment and an overall reduction in the quality of life for the people living in those areas.

**Table 5.7: Alternative Scenarios interaction with Environmental Protection Objectives**

	Positive Interaction with status of EPOs	Negative Interaction with status of EPOs	Uncertain Interaction with status of EPOs	Neutral Interaction with status of EPOs
<b>Scenario 1</b>	EPO 2, 6, 7, 10	EPO1 3, 5	8	EPO 4, 9
<b>Scenario 2</b>	EPO 2, 6, 7, 10	EPO 1, 3, 5	8	EPO 4, 9
<b>Scenario 3</b>	EPO 1, 2, 6, 7, 10			EPO 3, 4, 5, 8, 9

## 5 Monitoring

### 5.1 Scope of SEA Monitoring

- 5.1.1 The SEA Directive requires that the significant environmental effects of the implementation of plans are monitored in order to identify, at an early stage, unforeseen adverse effects and to be able to undertake appropriate remedial action. Monitoring also allows for the cross checking of the significant environmental effects which arise during the implementation stage, against those predicted during the Plan Preparation Stage. In addition, monitoring can also play an important role in assessing whether the Local Area Plan is achieving its environmental objectives and targets, whether these need to be re-examined, and whether the proposed mitigation measures are being implemented.
- 5.1.2 Table 5.1. details the environmental protection objectives, targets and indicators included in the Environmental Report, which will form the basis for the monitoring of any significant environmental effects, and the likely source of information for the monitoring data.

Table 5.1: Monitoring of the Significant Environmental effects.

Environmental Protection Objective	Targets	Indicators	Monitoring Provision and Source
<p><b>Population (P)</b></p> <p><b>EPO 1:</b> To ensure the sustainable development of Ballincollig Carrigaline Municipal District so people have the opportunity to live in communities with high quality residential, working and recreational environments with sustainable travel patterns.</p>	<ul style="list-style-type: none"> <li>• Deliver on the population target for the Municipal District, especially in the main towns.</li> <li>• Promote the economic development of the area.</li> <li>• Co-ordinate new housing development and the delivery of social and community infrastructure.</li> <li>• Decrease journey time and distance travelled to work during the lifetime of the plan.</li> <li>• All large scale housing development to be accompanied by a Design Statement.</li> </ul>	<ul style="list-style-type: none"> <li>• Significant change in the population of the main towns.</li> <li>• Distance and mode of transport to work / school.</li> </ul>	<ul style="list-style-type: none"> <li>• Changes in population levels – available from CSO.</li> <li>• Number of houses built across the settlement network / in rural areas - available via Odyssey.</li> <li>• The change in modal share / distance travelled to work over the Plan period — available from CSO.</li> <li>• The change in the level and frequency of public transport services at a settlement level – may be available from NTA / local transport providers.</li> <li>• Change in the number of jobs in an area- available from CSO.</li> <li>• Scale of development permitted in villages -available via Odyssey.</li> </ul>
<p><b>Human Health (HH)</b></p> <p><b>EPO 2:</b> To protect and enhance human health and manage</p>	<ul style="list-style-type: none"> <li>• Avoid incompatible development near SEVESO sites</li> </ul>	<ul style="list-style-type: none"> <li>• Number of planning permissions granted within the</li> </ul>	<ul style="list-style-type: none"> <li>• This information is capable of being abstracted from the planning register.</li> </ul>

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Bandon Kinsale MD Local Area Plan**

**Table 5.1: Monitoring of the Significant Environmental effects.**

<b>Environmental Protection Objective</b>	<b>Targets</b>	<b>Indicators</b>	<b>Monitoring Provision and Source</b>
hazards or nuisances arising from traffic and incompatible land uses.	<ul style="list-style-type: none"> <li>or IPPC licensed sites</li> <li>• Ensure new development is well served with community facilities and facilitates including walking and cycling routes.</li> </ul>	<ul style="list-style-type: none"> <li>consultation distance of Seveso sites/IPPC facilities.</li> <li>• Number of new primary health care/schools/ crèches/ community facilities provided.</li> <li>• Amount of (Km) new cycle ways provided.</li> </ul>	<ul style="list-style-type: none"> <li>• This information is capable of being abstracted from the planning register.</li> <li>• This information would need to be collated from other departments within the Council.</li> </ul>
<p><b>Biodiversity, Flora and Fauna (BFF)</b></p> <p><b>EPO 3:</b> Throughout the county, conserve and restore ecosystems, habitats and species in their natural surroundings, and ensure their sustainable management, including the ecological corridors between them.</p>	<ul style="list-style-type: none"> <li>• Maintain the favourable conservation status of all habitats and species, especially those protected under national and international legislation.</li> <li>• Implement the actions of the Cork County Biodiversity Action Plan.</li> <li>• Establish a Green Infrastructure Strategy for the County.</li> <li>• Protect habitats from invasive species.</li> </ul>	<ul style="list-style-type: none"> <li>• Number of developments receiving planning permission within designated sites or within the consultation distance of designated sites where the HDA process identified potential for impacts.</li> <li>• Reduction in the quantum of greenfield land in the county as measured by the increase in the amount of brownfield land associated with each settlement and the no. of one off houses being built in the</li> </ul>	<ul style="list-style-type: none"> <li>• This information is capable of being abstracted from the planning register / odyssey system.</li> <li>• This information may be available from the planning register/ odyssey system.</li> </ul>



**Table 5.1: Monitoring of the Significant Environmental effects.**

Environmental Protection Objective	Targets	Indicators	Monitoring Provision and Source
		<p>countryside.</p> <ul style="list-style-type: none"> <li>• Number of actions achieved in Biodiversity Action Plan</li> <li>• Progress on Green Infrastructure strategy</li> </ul>	<ul style="list-style-type: none"> <li>• This information is available from the Council's Heritage Officer.</li> <li>• This information will be available from within the Council.</li> </ul>
<p><b>Soil (S)</b></p> <p><b>EPO 4:</b> Protect the function and quality of the soil resource in the Fermoy Municipal District.</p>	<ul style="list-style-type: none"> <li>• Reduce the use of greenfield land by encouraging the reuse of brownfield sites.</li> <li>• Encourage sustainable extraction of non-renewable sand, gravel and rock deposits and the reuse and recycling of construction and demolition waste.</li> </ul>	<ul style="list-style-type: none"> <li>• Number of brownfield sites that have been redeveloped.</li> <li>• Volume of construction and demolition waste recycled.</li> <li>• Reduction in number of vacant and derelict buildings.</li> </ul>	<ul style="list-style-type: none"> <li>• This information is not currently readily available but may be available from Odyssey in the future.</li> <li>• This information may be available from the Environment Section.</li> <li>• This information is not currently readily available but could be obtained via survey work.</li> </ul>
<p><b>Water (W)</b></p> <p><b>EPO 5:</b> Maintain and improve the quality of water resources and improve the management and sustainable use of these resources to comply with the requirements of the WFD.</p>	<ul style="list-style-type: none"> <li>• To achieve at least 'good' status in all bodies of surface waters (lakes rivers, transitional and coastal waters).</li> <li>• Achieve compliance with Groundwater Quality Standards and</li> </ul>	<ul style="list-style-type: none"> <li>• Trends in classification of overall status of surface water under Surface Water Regulations 2009 (SI No 272 of 2009)</li> <li>• Trends in Classification of Bathing Waters as set by Directive</li> </ul>	<ul style="list-style-type: none"> <li>• This information is not readily available but may be available from EPA.</li> <li>• This information is not readily available but may be available from EPA.</li> </ul>

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**Table 5.1: Monitoring of the Significant Environmental effects.**

<b>Environmental Protection Objective</b>	<b>Targets</b>	<b>Indicators</b>	<b>Monitoring Provision and Source</b>
	<p>Threshold Values under Directive 2006/118/EC (protection of groundwater).</p> <ul style="list-style-type: none"> <li>• Not to permit development where it would result in a WWTP exceeding the terms of its discharge licence.</li> <li>• Encourage future population growth in areas served by urban waste water treatment plants and public water supplies.</li> </ul>	<p>2006/7/EC.</p> <ul style="list-style-type: none"> <li>• Groundwater Quality Standards and Threshold Values under Directive 2006/118/EC.</li> <li>• Number of households served by urban waste water treatment plants/ septic tanks/ individual WWTP or other systems.</li> <li>• Number of households served by public water supplies.</li> <li>• Percentage of water unaccounted for.</li> </ul>	<ul style="list-style-type: none"> <li>• This information is not readily available but may be available from EPA.</li> <li>• Available from the CSO.</li> <li>• Available from the CSO.</li> <li>• This information may be available from Irish Water.</li> </ul>
<p><b>Air Quality and Climate Factors (AQ/C)</b></p> <p><b>EPO 6:</b> Protect and improve air quality.</p> <p><b>EPO 7:</b> Contribute to mitigation of, and adaptation to, climate change.</p>	<ul style="list-style-type: none"> <li>• Ensure air quality monitoring results are maintained within appropriate emission limits.</li> <li>• Increase modal shift in favour of public transport, walking and cycling.</li> <li>• Encourage production and use of renewal energy.</li> <li>• Encourage energy efficiency in building design and construction.</li> </ul>	<ul style="list-style-type: none"> <li>• Trends in Air Quality monitoring data.</li> <li>• Percentage of population travelling to work by public transport, walking or cycling.</li> <li>• Number of wind turbines permitted.</li> <li>• Number of developments</li> </ul>	<ul style="list-style-type: none"> <li>• Information may be available from EPA.</li> <li>• Data can be extracted from the Census.</li> <li>• This information may be available from the planning register/ odyssey system.</li> <li>• This information may be available</li> </ul>

**Table 5.1: Monitoring of the Significant Environmental effects.**

Environmental Protection Objective	Targets	Indicators	Monitoring Provision and Source
	<ul style="list-style-type: none"> <li>• Provide flood protection measures where appropriate.</li> <li>• Avoid inappropriate development in areas of flood risk.</li> </ul>	permitted within areas at risk of flooding.	from the planning register/ odyssey system
<p><b>Cultural Heritage (CH)</b></p> <p><b>EPO 8:</b> Protect and, where appropriate, enhance the character, diversity and special qualities of architectural, archaeological and cultural heritage (including Gaeltachtaí) in County Cork.</p>	<ul style="list-style-type: none"> <li>• No loss of, or adverse impact on, the fabric or setting of monuments on the Record of Monuments (RMP).</li> <li>• No loss of, or adverse impact on, the architectural heritage value or setting of protected structures.</li> <li>• No loss of, or adverse impact on, structures recorded on the National Inventory of Architectural Heritage.</li> <li>• Implement the Cork County Heritage Plan.</li> </ul>	<ul style="list-style-type: none"> <li>• Loss of, or adverse impact on, monuments on the Record of Monuments (RMP).</li> <li>• Loss of, or adverse impact on, protected structures included on the RPS or structures included on the NIAH.</li> </ul>	<ul style="list-style-type: none"> <li>• This information may be available from the Odyssey system.</li> <li>• This information may be available from the Odyssey system.</li> </ul>
<p><b>Landscape (L)</b></p> <p><b>EPO 9:</b> Protect and, where appropriate, enhance the character, diversity and special qualities of landscapes in</p>	<ul style="list-style-type: none"> <li>• No large scale development permitted in areas of high landscape value.</li> </ul>	<ul style="list-style-type: none"> <li>• Number of large scale developments permitted in areas of high landscape value.</li> </ul>	<ul style="list-style-type: none"> <li>• This information is capable of being abstracted from the planning register.</li> </ul>

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**Table 5.1: Monitoring of the Significant Environmental effects.**

<b>Environmental Protection Objective</b>	<b>Targets</b>	<b>Indicators</b>	<b>Monitoring Provision and Source</b>
County Cork.			
<p><b>Material Assets (MA)</b></p> <p><b>EPO 10:</b> Make best use of the material assets of the area and promote the sustainable development of new infrastructure to provide for the current and future needs of the population.</p>	<ul style="list-style-type: none"> <li>• Develop the road, rail and public transport infrastructure of the county to facilitate sustainable growth and travel patterns.</li> <li>• Ensure appropriate water services infrastructure is delivered in areas targeted for population growth.</li> <li>• Protect and optimise the use of the existing building stock.</li> <li>• Facilitate the sustainable expansion of production facilities to enable economic growth and create new employment opportunities.</li> <li>• Protect and enhance green infrastructure.</li> <li>• Protect existing recreational facilities and green infrastructure.</li> </ul>	<ul style="list-style-type: none"> <li>• New critical infrastructural projects completed (projects identified by the CDP).</li> </ul>	<ul style="list-style-type: none"> <li>• Delivery of the Critical Infrastructure required as identified in the County Development Plan (Tables 15.1 and 15.2) will be monitored under the monitoring process for the County Development Plan.</li> </ul>
<p><b>Flooding (F)</b></p> <p><b>EPO 11:</b> Protect flood plains and areas at</p>	<ul style="list-style-type: none"> <li>• No inappropriate development</li> </ul>	<ul style="list-style-type: none"> <li>• Number and nature of</li> </ul>	<ul style="list-style-type: none"> <li>• This information is capable of being</li> </ul>

Table 5.1: Monitoring of the Significant Environmental effects.			
Environmental Protection Objective	Targets	Indicators	Monitoring Provision and Source
risk of flooding from inappropriate development.	permitted in areas at risk of flooding.  • All applications in areas at risk to be accompanied by detailed flood risk assessment.	developments permitted in areas at risk	abstracted from the planning register / Odyssey System.

## 5.2 Monitoring of the Local Area Plan

- 5.2.1 While the Planning Acts require Planning Authorities to “ take such steps within its powers as may be necessary for securing the objectives of the Development Plan”, and the Chief Executive of the planning authority is required, not more than 2 years after the making of a Development Plan, to give a report to the elected members of the planning authority on the progress achieved in securing the objectives of the Development Plan, there are no such requirements in relation to a local area plan.
- 5.2.2 Nonetheless, given that the Local Area Plans is a key instrument for the implementation of the County Development Plan objectives, in particular the Core Strategy, it is very important that progress in the implementation of the Local Area Plans is monitored to facilitate the identification of any issues concerning implementation.
- 5.2.3 The Planning Directorate of Cork County Council is primarily responsible for monitoring and implementing the Local Area Plans, mainly through the development management function. It is important to note however, that implementation of the local area plan objectives also requires inputs from other key departments within the local authority, such as Economic Development, Roads, Environment, Housing and Community Development. In some cases, the body responsible for the implementation of certain plan objectives may be external, such as Transport Infrastructure Ireland, the National Transport Authority or Irish Water etc.
- 5.2.4 A possible list of key indicators for Monitoring was set out Appendix F of the Cork County Development Plan. Some or all of these indicators will be used to monitor the local area plans, subject to adequate resources being available. Sources of data from other organisations (TII, NTA, IW, ESRI, NESC and the CSO etc) which is readily available will also be used where appropriate to assess progress in implementing the plan. Some of the data required for monitoring will be obtained from other departments within the Council.
- 5.2.5 A monitoring strategy based on the Odyssey Planning Application Management System is currently being developed and it is intended that this will provide the main source of data along with other in house initiatives such as a Housing Land Availability Study, to monitor the plan. In addition to the indicators being monitored for SEA purposes the other key areas for monitoring include the pace of development across all settlements / rural areas and sectors (residential, business/ industrial, retail, community etc.) and the associated rate of take up of zoned land, the density of permitted housing developments and the location and type of houses being built etc., as outlined in Appendix F of the County Development Plan.

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## Appendix A

### SEA Screening of the Proposed Further Modifications to the Material Amendments to the Draft Local Area Plan.





**SEA Screening of the Proposed Further Modifications to the Material Amendments to the Draft Local Area Plan.**

The Proposed Material Amendments to the Draft Local Area Plan were placed on public display for a further period of public consultation with the addendum to the Environmental Report and the supporting environmental assessments from the 2<sup>nd</sup> to the 30<sup>th</sup> May 2017.

A total of 49 no. submissions were received on the Material Amendments. These included submissions from members of the public and statutory consultees. Details of all the submissions received were detailed in the Chief Executive's Report to Members in June 2017. All submissions were summarised in this report and responded to by the Chief Executive.

That report also proposed seven further non-material minor modifications as follows

1. The first, is a minor modifications in response to an amendment which provides for the possibility of the linking of future prospective relief roads in Carrigaline and concerns with regard to same, the revised wording states that "during the lifetime of this plan , Cork County Council will review traffic options within the town and within this context the lack of connectivity between the western and southern relief roads will be examined".

**SEA Screening Conclusion:**

**Proposed further minor modifications will have a neutral impact as it does not involve any new material and is partly a restatement of objective TM 3-1 (National Road Network) from the Cork County Development Plan 2014 which was also subject to its own environmental assessments.**

2. The second in response to a submission requesting the consideration of residential development in the T-01 site in Carrigaline, makes a non material amendment which states that the site may have a mix of residential development as opposed to the previous text which stated that the site will have a mix of residential development backing onto existing residential development on the Kilmoney Road.

**SEA Screening Conclusion:**

**Proposed further minor modifications will have a neutral impact as it does not involve any new material and is partly a restatement of objective TM 3-1 (National Road Network) from the Cork County Development Plan 2014 which was also subject to its own environmental assessments.**

3. The third non material modification relates to the Old Pottery Site in Carrigaline which has been identified as a Regeneration Area. Previously the amendment stated that the site is suitable for a large scale stand alone retailer, in response to a submission regarding same, this has been modified to large scale stand alone retailers.

**SEA Screening Conclusion:**

**Proposed further minor modifications will have a neutral impact as it does not involve any new material and is partly a restatement of objective TM 3-1 (National Road Network) from the Cork County Development Plan 2014 which was also subject to its own environmental assessments.**



# Habitats Directive Screening Report

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## Introduction

### Context

This is the Habitats Directive Screening Report for the Bandon Kinsale Municipal District Local Area Plan as adopted on 24<sup>th</sup> July 2017. In accordance with requirements of Articles 6(3) of the Habitats Directive as transposed into Part XAB of the Planning and Development (Amendment) Act 2010 (and subsequent amendments), the impacts of the policies and objectives of all statutory land use plans on certain sites that are designated for the protection of nature (known as Natura 2000 sites or European sites<sup>1</sup>), must be assessed as an integral part of the process of drafting the plan. This is to determine whether or not the implementation of plan policies could have negative consequences for the habitats or plant and animal species for which these sites are designated. This assessment process is called a Habitats Directive Assessment (HDA) and must be carried out at all stages of the plan making process.

Habitats Directive Assessment is an iterative process which is intended to run parallel to and inform the plan making process. It involves analysis and review of draft policies as they emerge during each stage of plan making, to ensure that their implementation will not impact on sites designated for nature conservation, nor on the habitats or species for which they are designated. Within this process, regard is had to the potential for policies to contribute to impacts which on their own may be acceptable, but which could be significant when considered in combination with the impacts arising from the implementation of other plans or policies.

The process may result in the development of new policy areas and/or the modification or removal of certain policies to be presented in the final plan. The results of this analysis and review are presented in reports which are produced for each stage of the plan making process.

This report represents the final stage of the Habitats Directive Screening Assessment for the Bandon Kinsale Municipal District Local Area Plan. It summarises how ecological considerations relating to the Natura 2000 network were integrated into each phase of the plan making process and contains a Habitats Directive Screening Conclusion Statement. This report should be read in conjunction with the Bandon Kinsale Municipal District Local Area Plan, 2017 as adopted on 24<sup>th</sup> July 2017. Regard should also be had to

- the Habitats Directive Screening Report for the Draft Bandon Kinsale Municipal District Local Area Plan (November 2016); and to
- the Habitats Directive Assessment Report for the Proposed Amendments to the Bandon Kinsale Municipal District Local Area Plan (May 2017);
- Environmental Report for the draft Bandon Kinsale Municipal District Local Area Plan (November 2016); and
- Strategic Environmental Assessment Statement for the Bandon Kinsale Municipal District Local Area Plan (August 2017).

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<sup>1</sup> Natura 2000 sites include Special Areas of Conservation designated under the Habitats Directive and Special Protection Areas designated under the Birds Directive. Special Areas of Conservation are sites that are protected because they support particular habitats and/or plant and animal species that have been identified to be threatened at EU community level. Special Protection Areas are sites that are protected for the conservation of species of birds that are in danger of extinction, or are rare or vulnerable. Special Protection Areas may also be sites that are particularly important for migratory birds. Such sites include internationally important wetlands.

A full list of all relevant planning documents is set out in the reference section of this document.

### Summary of the Habitats Directive Assessment Process

**Article 6(3)** of the Habitats Directive identifies what is required in terms of assessment of plans and projects.

#### Habitats Directive Article 6(3)

*Any plan or project not directly connected with or necessary to the management of the site but likely to have a significant effect thereon, either individually or in combination with other plans or projects, shall be subject to appropriate assessment of its implications for the site in view of the site's conservation objectives. In the light of the conclusions of the assessment of the implications for the site and subject to the provisions of paragraph 4, the competent national authorities shall agree to the plan or project only after having ascertained that it will not adversely affect the integrity of the site concerned and, if appropriate, after having obtained the opinion of the general public.*

EU and National Guidance sets out two main stages to the assessment process which are as follows:

#### Stage One: Screening

The process which identifies what might be the likely impacts arising from a plan on a Natura 2000 site, either alone or in combination with other projects or plans, and considers whether these impacts are likely to be significant. No further assessment is required if no significant impacts on Natura 2000 sites are identified during the screening stage. The findings of the screening assessment are normally contained in a Habitats Directive Screening Report.

#### Stage Two: Appropriate Assessment

Where the possibility of significant impacts has not been discounted by the screening process, a more detailed assessment is required. This is called an Appropriate Assessment and involves the compilation of a Natura Impact Report by the Planning Authority which is a report of scientific evidence and data relating to European sites for which significant negative impacts have not been previously screened out. This is used to identify and classify any implications of the plan for these sites in view of their conservation objectives. The Appropriate Assessment must include a determination as to whether or not the plan or its proposed amendments would adversely affect the integrity of any European site or sites. The plan may be adopted if adverse effects on the integrity of European sites can be ruled out during the Appropriate Assessment process. The plan may not be adopted on foot of an Appropriate Assessment, if it is found that it will give rise to adverse impacts on one or more European sites, or if uncertainty remains in relation to potential impacts on one or more European sites.

**Article 6(4)** of the Directive sets out procedures to allow the adoption and implementation of plans despite a finding of adverse effects on one or more European sites.

#### Habitats Directive Article 6(4)

*If, in spite of a negative assessment of the implications for the site and in the absence of alternative solutions, a plan or project must nevertheless be carried out for imperative reasons of overriding public interest, including those of a social or economic nature, the Member State shall take all compensatory*

*measures necessary to ensure that the overall coherence of Natura 2000 is protected. It shall inform the Commission of the compensatory measures adopted.*

EU and National Guidance identifies two further assessment stages which must be completed if it is determined that a plan must proceed for imperative reasons of overriding public interest, despite a finding that it will have adverse effects on the integrity of one or more European sites. These procedures can only be invoked where it has been shown that there are no alternative ways to implement the plan which avoid adverse effects on the integrity of one or more European sites. They are set out below.

#### Stage Three: Assessment of alternative solutions

In circumstances where the potential for a plan to give rise to adverse effects on the integrity of a European site or sites has not been ruled out during the appropriate assessment process, it can only be considered for authorisation where it is demonstrated that there are no alternative solutions and that there are imperative reasons of overriding public interest which can allow the plan or project to proceed. Stage three of a Habitats Directive Assessment involves the assessment of alternative solutions.

#### Stage Four: Assessment where no alternative solutions exist and where adverse impacts remain

In circumstances where it has been demonstrated that a plan must proceed for imperative reasons of overriding public interest (IROPI), and where it has been shown that there are no alternatives, compensatory measures must be put in place in advance of the implementation of the plan/project which ensure the coherence of the Natura 2000 network. Compensatory measures must compensate for the expected impact on the site. The fourth stage of the Habitats Directive Assessment process involves demonstrating that imperative reasons of overriding public interest exist, and the assessment of the compensatory measures which are proposed to be implemented. In every case in which a local authority envisages approving or proceeding with a plan or project on grounds of IROPI, the Minister for Arts, Heritage, Regional, Rural and Gaeltacht Affairs must be consulted.

### How this Report Was Prepared

The approach taken in the making of this assessment follows European Communities, Assessment of plans and projects significantly affecting Natura 2000 sites, Methodological guidance on the provisions of Article 6(3) and (4) of the Habitats Directive 92/43/EEC, 2002, and on Local Government and Appropriate Assessment of Plans and Projects in Ireland, Guidance for Planning Authorities, 2009.

## Data Sources, Gaps and Limitations

The information contained in this report is based on a desktop review of information relating to these sites and to the habitats and species that they support. References and data used are cited in the back of this report.

## Screening Methodology

EU Guidelines (2001) set out a process for screening landuse plans, which involves four main steps as follows:

- Provide a description of the proposed plan.
- Identify relevant Natura 2000 sites, and compile information on their qualifying interests and conservation objectives.
- Identify the potential effects of the plan on the identified Natura 2000 sites.
- Assess the significance of any effects on identified Natura 2000 sites, having regard to potential for 'in combination' effects.

This process is applied to all proposed plans or projects except those which are directly connected with the necessary management of a Natura 2000 site or sites. This report follows the steps set out above.

## Description of the Plan Area and Plan

The Bandon Kinsale Municipal District covers an area to the south west of Cork City. The plan area encompasses the main towns of Bandon and Kinsale as well as part of the town of Carrigaline and a number of villages and other smaller settlements. The MD extends from the western side of Cork Harbour in the east, to Courtmacsherry Estuary in the west.

The boundaries of the Municipal District area are shown on **Figure 1** below.

### Figure 1: Cork Municipal Districts Area



## Section 1 Introduction

The Bandon Kinsale Municipal District Local Area Plan is a strategic plan identifying where development is to be directed and how/where supporting infrastructure is to be provided within the plan area. The population targets for settlements within the district follow those set in the County Development Plan (2014). The plan identifies where development is proposed to be located through its zoning maps and corresponding policy objectives.

Section 1 of the plan sets out the overall plan context and the overall approach/key policies that will influence the preparation of the plan namely the:

- Role of the Cork County Development Plan 2014
- Approach to Town Development Plans
- Special Policy Area Framework Masterplans
- Settlement Network
- Infrastructure
- Water Services
- Development Contributions
- Regeneration Areas
- Flood Risk Assessment and Management
- Quality in Urban Design
- Green Belts around Towns
- Strategic Land Reserve and Active Land Management
- Environmental Assessments including:



- Strategic Environmental Assessment,
- Strategic Flood Risk Assessment and
- Habitats Directive Assessment

## Section 2 Local Area Strategy

This section sets out the overall strategy for the Bandon Kinsale Municipal District. It sets out the housing requirements and zoned housing land supply for each of the main towns, sets out the appropriate scale of growth within the village network and the current infrastructure position for all the main towns and smaller settlements within the settlement network. It assesses the current employment position in the Municipal District and describes the key environment and heritage assets within the plan area. The key message is that sufficient land has been provided to meet population targets but that infrastructure remains a constraint to delivering on those targets.

## Section 3 Main Towns

The purpose of this section is to set out the policies and objectives including land use zoning maps for the two main towns of Bandon and Kinsale (Environs) in the Bandon Kinsale Municipal District. Where appropriate, Regeneration Areas have also been identified. This section of the plan sets out proposals for population growth and other development objectives for the main towns.

## Section 4 Key Villages

There are five key villages in the Bandon Kinsale Municipal District, being Ballinspittle, Belgooly, Crosshaven and Bays, Inishannon and Riverstick. This section of the plan sets out proposed scale of growth and other development objectives for each of these main villages over the lifetime of the plan.

## Section 5 Villages, Village Nuclei and Other Locations

There are seven villages, ten village nuclei and twelve other locations in the Bandon Kinsale Municipal District. The villages are Ballinadee, Ballinhassig, Ballygarvan, Halfway, Kilbrittan, Minane Bridge, Old Chapel. The village nuclei are Aghyohil, Ballyfeard, Ballyheada, Crossmahon, Dunderrow, Fivemilebridge, Gaggan, Garreststown/Garrylucas, Nohoval and Tinker Cross. The “Other Locations” are Ballymartle, Barrels Cross, Brownsmill, Gogginshill, Jagoe’s Mill, Kilcolman, Killeady, Kilmacsimon Quay, Oysterhaven, Robert’s Cove, Sandycove and Tracton. This section of the plan sets out proposed scale of growth and other development objectives for each of settlements over the lifetime of the plan.

## Section 6 Putting the Plan into Practice

This section of the plan assigns responsibility for the implementation of plan policies to various agencies including the Local Authority. It also sets out the expected timeframes for the delivery of physical and social infrastructure, including the assignment of plan priorities and funding streams necessary to secure key development objectives. It outlines the approach to monitoring and how the plan will inform other plans within its functional area.

## Identification of Natura 2000 Sites Subject to Screening

**Table 1** below sets out the Natura 2000 sites which are subject to screening in this report. It includes all

Natura 2000 sites within the plan boundary area and Natura 2000 sites within 15km of the plan boundary. The habitats and species for which these sites are designated are also listed. The potential for Natura 2000 sites that are >15km from the plan boundary area to be affected by policies set out in the plan was also considered. This could include sites which are hydrologically connected to watercourses or water bodies within the plan boundary area. No such sites were identified. All relevant sites are identified in **Figure 2**.

**Figure 2 Natura Sites Subject to Screening**

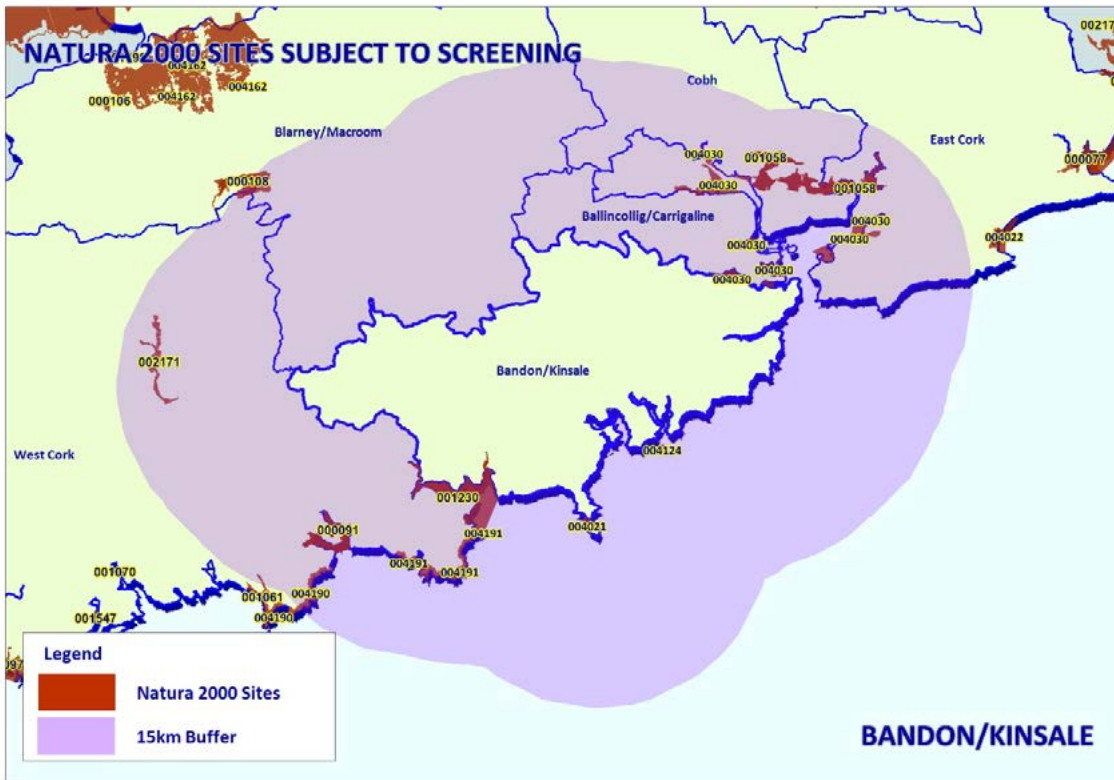


Table 1: All Natura 2000 Sites within the Bandon-Kinsale MD or otherwise identified as requiring screening			
Site Code	Site Name	Qualifying Interests	Conservation Objectives
0091	Clonakilty Bay SAC	<ul style="list-style-type: none"> <li>• Mudflats and sandflats not covered by seawater at low tide [1140]</li> <li>• Annual vegetation of drift lines [1210]</li> <li>• Embryonic shifting dunes [2110]</li> <li>• Shifting dunes along the shoreline with <i>Ammophila arenaria</i> (white dunes) [2120]</li> <li>• Fixed coastal dunes with herbaceous vegetation (grey dunes) [2130]</li> <li>• Atlantic decalcified fixed dunes (Calluno-Ulicetea) [2150]</li> </ul>	<p>To maintain the favourable conservation condition of the following habitats for which the Clonakilty Bay SAC is designated:</p> <ul style="list-style-type: none"> <li>• Mudflats and sandflats not covered by seawater at low tide [1140];</li> <li>• Annual vegetation of drift lines [1210];</li> <li>• Embryonic shifting dunes [2110];</li> <li>• Shifting dunes along the shoreline with <i>Ammophila arenaria</i> (white dunes) [2120];</li> <li>• Atlantic decalcified fixed dunes (Calluno-Ulicetea) [2150];</li> </ul> <p>and to restore the favourable conservation condition of</p> <ul style="list-style-type: none"> <li>• Fixed coastal dunes with herbaceous vegetation (grey dunes) [2130]</li> </ul> <p>which are defined by attributes and targets set out in <a href="#">NPWS Conservation Objectives for Clonakilty Bay SAC (May 2014)</a> available at <a href="http://www.NPWS.ie">www.NPWS.ie</a></p>
0108	The Gearagh SAC	<ul style="list-style-type: none"> <li>• Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation [3260]</li> <li>• Rivers with muddy banks with <i>Chenopodium rubric</i> p.p. and <i>Biention</i> p.p. vegetation [3270]</li> <li>• Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles [91A0]</li> <li>• Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (Alno-Padion, Alnion incanae, Salicion albae) [91E0]</li> <li>• <i>Lutra lutra</i> (Otter) [1355]</li> </ul>	<p>To maintain the favourable conservation condition of the following habitats and species:</p> <ul style="list-style-type: none"> <li>• Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation [3260]</li> <li>• Rivers with muddy banks with <i>Chenopodium rubric</i> p.p. and <i>Biention</i> p.p. vegetation [3270]</li> <li>• Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles [91A0]</li> <li>• Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (Alno-Padion, Alnion incanae, Salicion albae) [91E0]</li> <li>• <i>Lutra lutra</i> (Otter) [1355]</li> </ul> <p>which are defined by attributes and</p>

Table 1: All Natura 2000 Sites within the Bandon-Kinsale MD or otherwise identified as requiring screening			
Site Code	Site Name	Qualifying Interests	Conservation Objectives
			targets as set out in <a href="#">Conservation Objectives for the Gearagh SAC (September 2016)</a> available at <a href="http://www.NPWS.ie">www.NPWS.ie</a>
1058	Great Island Channel SAC	<ul style="list-style-type: none"> <li>• Mudflats and sandflats not covered by seawater at low tide [1140]</li> <li>• Atlantic salt meadows (<i>Glaucopuccinellietalia maritima</i>) [1330]</li> </ul>	<p>To maintain the favourable conservation condition of the following habitats for which the Great Island Channel SAC is designated:</p> <ul style="list-style-type: none"> <li>• Mudflats and sandflats not covered by seawater at low tide [1140]</li> </ul> <p>and to restore the favourable conservation condition of</p> <ul style="list-style-type: none"> <li>• Atlantic salt meadows (<i>Glaucopuccinellietalia maritima</i>) [1330]</li> </ul> <p>These habitats are defined by attributes and targets set out in <a href="#">Conservation Objectives for the Great Island Channel SAC (June 2014)</a> available at <a href="http://www.NPWS.ie">www.NPWS.ie</a></p>
1230	Courtmacsherry Estuary SAC	<ul style="list-style-type: none"> <li>• Estuaries [1130]</li> <li>• Mudflats and sandflats not covered by seawater at low tide [1140]</li> <li>• Annual vegetation of drift lines [1210]</li> <li>• Perennial vegetation of stony banks [1220]</li> <li>• <i>Salicornia</i> and other annuals colonising mud and sand [1310]</li> <li>• Atlantic salt meadows (<i>Glaucopuccinellietalia maritima</i>) [1330]</li> <li>• Mediterranean salt meadows (<i>Juncetalia maritimi</i>) [1410]</li> <li>• Embryonic shifting dunes [2110]</li> <li>• Shifting dunes along the shoreline with <i>Ammophila arenaria</i> (white dunes) [2120]</li> <li>• Fixed coastal dunes with herbaceous vegetation (grey dunes) [2130]</li> </ul>	<p>To maintain the favourable conservation condition of the following habitats for which the Barley Cove to Ballyrisode SAC is designated:</p> <ul style="list-style-type: none"> <li>• Estuaries [1130]</li> <li>• Mudflats and sandflats not covered by seawater at low tide [1140]</li> <li>• Annual vegetation of drift lines [1210]</li> <li>• Perennial vegetation of stony banks [1220]</li> <li>• Mediterranean salt meadows (<i>Juncetalia maritimi</i>) [1410]</li> <li>• Embryonic shifting dunes [2110]</li> <li>• Shifting dunes along the shoreline with <i>Ammophila arenaria</i> (white dunes) [2120]</li> <li>• Fixed coastal dunes with herbaceous vegetation (grey dunes) [2130]</li> </ul> <p>and to restore the favourable</p>

Table 1: All Natura 2000 Sites within the Bandon-Kinsale MD or otherwise identified as requiring screening			
Site Code	Site Name	Qualifying Interests	Conservation Objectives
			<p>conservation condition of</p> <ul style="list-style-type: none"> <li>• <i>Salicornia</i> and other annuals colonising mud and sand [1310]</li> <li>• Atlantic salt meadows (<i>Glaucopuccinellietalia maritimae</i>) [1330]</li> </ul> <p>which are defined by attributes and targets set out in <a href="#">Conservation Objectives for Courtmacsherry Estuary SAC (July 2014)</a> available at <a href="http://www.NPWS.ie">www.NPWS.ie</a></p>
2171	Bandon River SAC	<ul style="list-style-type: none"> <li>• Water courses of plain to montane levels with the <i>Ranunculus fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation [3260]</li> <li>• Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (Alno-Padion, Alnion incanae, Salicion albae) [91E0]</li> <li>• <i>Margaritifera margaritifera</i> (Freshwater Pearl Mussel) [1029]</li> <li>• <i>Lampetra planeri</i> (Brook Lamprey) [1096]</li> </ul>	<p>To maintain or restore the favourable conservation condition of the Annex I habitat(s) and/or the Annex II species for which this SAC has been selected:</p> <ul style="list-style-type: none"> <li>• Water courses of plain to montane levels with the <i>Ranunculus fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation [3260]</li> <li>• Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (Alno-Padion, Alnion incanae, Salicion albae) [91E0]</li> <li>• <i>Margaritifera margaritifera</i> (Freshwater Pearl Mussel) [1029]</li> <li>• <i>Lampetra planeri</i> (Brook Lamprey) [1096]</li> </ul> <p>as set out in the <a href="#">Conservation Objectives for the Bandon River SAC August 2016</a> available at <a href="http://www.NPWS.ie">www.NPWS.ie</a></p>
4021	Old Head of Kinsale SPA	<ul style="list-style-type: none"> <li>• Kittiwake (<i>Rissa tridactyla</i>) [A188]</li> <li>• Guillemot (<i>Uria aalge</i>) [A199]</li> </ul>	<p>To maintain or restore the favourable conservation condition of bird species listed as Special Conservation Interests for this SPA:</p> <ul style="list-style-type: none"> <li>• Kittiwake (<i>Rissa tridactyla</i>) [A188]</li> <li>• Guillemot (<i>Uria aalge</i>) [A199]</li> </ul> <p>as set out in the <a href="#">Conservation Objectives Old Head of Kinsale SPA August 2016</a> which are available at</p>

Table 1: All Natura 2000 Sites within the Bandon-Kinsale MD or otherwise identified as requiring screening			
Site Code	Site Name	Qualifying Interests	Conservation Objectives
			<a href="http://www.NPWS.ie">www.NPWS.ie</a>
4030	Cork Harbour SPA	<ul style="list-style-type: none"> <li>• Little Grebe (<i>Tachybaptus ruficollis</i>) [A004]</li> <li>• Great Crested Grebe (<i>Podiceps cristatus</i>) [A005]</li> <li>• Cormorant (<i>Phalacrocorax carbo</i>) [A017]</li> <li>• Grey Heron (<i>Ardea cinerea</i>) [A028]</li> <li>• Shelduck (<i>Tadorna tadorna</i>) [A048]</li> <li>• Wigeon (<i>Anas penelope</i>) [A050]</li> <li>• Teal (<i>Anas crecca</i>) [A052]</li> <li>• Pintail (<i>Anas acuta</i>) [A054]</li> <li>• Shoveler (<i>Anas clypeata</i>) [A056]</li> <li>• Red-breasted Merganser (<i>Mergus serrator</i>) [A069]</li> <li>• Oystercatcher (<i>Haematopus ostralegus</i>) [A130]</li> <li>• Golden Plover (<i>Pluvialis apricaria</i>) [A140]</li> <li>• Grey Plover (<i>Pluvialis squatarola</i>) [A141]</li> <li>• Lapwing (<i>Vanellus vanellus</i>) [A142]</li> <li>• Dunlin (<i>Calidris ygnus</i>) [A149]</li> <li>• Black-tailed Godwit (<i>Limosa limosa</i>) [A156]</li> <li>• Bar-tailed Godwit (<i>Limosa lapponica</i>) [A157]</li> <li>• Curlew (<i>Numenius arquata</i>) [A160]</li> <li>• Redshank (<i>Tringaygnus</i>) [A162]</li> <li>• Black-headed Gull (<i>Chroicocephalus ridibundus</i>) [A179]</li> <li>• Common Gull (<i>Larus canus</i>) [A182]</li> <li>• Lesser Black-backed Gull (<i>Larus fuscus</i>) [A183]</li> <li>• Common Tern (<i>Sterna hirundo</i>) [A193]</li> <li>• Wetland and Waterbirds [A999]</li> </ul>	<p>To maintain the favourable conservation condition of the following bird species in Cork Harbour SPA:</p> <ul style="list-style-type: none"> <li>• Little Grebe (<i>Tachybaptus ruficollis</i>) [A004]</li> <li>• Great Crested Grebe (<i>Podiceps cristatus</i>) [A005]</li> <li>• Cormorant (<i>Phalacrocorax carbo</i>) [A017]</li> <li>• Grey Heron (<i>Ardea cinerea</i>) [A028]</li> <li>• Shelduck (<i>Tadorna tadorna</i>) [A048]</li> <li>• Wigeon (<i>Anas penelope</i>) [A050]</li> <li>• Teal (<i>Anas crecca</i>) [A052]</li> <li>• Pintail (<i>Anas acuta</i>) [A054]</li> <li>• Shoveler (<i>Anas clypeata</i>) [A056]</li> <li>• Red-breasted Merganser (<i>Mergus serrator</i>) [A069]</li> <li>• Oystercatcher (<i>Haematopus ostralegus</i>) [A130]</li> <li>• Golden Plover (<i>Pluvialis apricaria</i>) [A140]</li> <li>• Grey Plover (<i>Pluvialis squatarola</i>) [A141]</li> <li>• Lapwing (<i>Vanellus vanellus</i>) [A142]</li> <li>• Dunlin (<i>Calidris ygnus</i>) [A149]</li> <li>• Black-tailed Godwit (<i>Limosa limosa</i>) [A156]</li> <li>• Bar-tailed Godwit (<i>Limosa lapponica</i>) [A157]</li> <li>• Curlew (<i>Numenius arquata</i>) [A160]</li> <li>• Redshank (<i>Tringaygnus</i>) [A162]</li> <li>• Black-headed Gull (<i>Chroicocephalus ridibundus</i>) [A179]</li> <li>• Common Gull (<i>Larus canus</i>) [A182]</li> <li>• Lesser Black-backed Gull (<i>Larus fuscus</i>) [A183]</li> <li>• Common Tern (<i>Sterna hirundo</i>) [A193]</li> </ul>

Table 1: All Natura 2000 Sites within the Bandon-Kinsale MD or otherwise identified as requiring screening			
Site Code	Site Name	Qualifying Interests	Conservation Objectives
			<p>and</p> <ul style="list-style-type: none"> <li>to maintain the favourable conservation condition of the wetland habitat in Cork Harbour SPA as a resources for the regularly-occurring migratory birds that utilise it</li> </ul> <p>as defined by attributes and targets set out in <a href="#">Conservation Objectives Cork Harbour SPA (Dec 2014)</a> which are available at <a href="http://www.NPWS.ie">www.NPWS.ie</a></p>
4081	Clonakilty Bay SPA	<ul style="list-style-type: none"> <li>Shelduck (<i>Tadorna tadorna</i>) [A048]</li> <li>Dunlin (<i>Calidrisygnus</i>) [A149]</li> <li>Black-tailed Godwit (<i>Limosa limosa</i>) [A156]</li> <li>Curlew (<i>Numenius arquata</i>) [A160]</li> <li>Wetland and Waterbirds [A999]</li> </ul>	<p>To maintain the favourable conservation condition of the following bird species in Clonakilty Bay SPA:</p> <ul style="list-style-type: none"> <li>Shelduck (<i>Tadorna tadorna</i>) [A048]</li> <li>Dunlin (<i>Calidrisygnus</i>) [A149]</li> <li>Black-tailed Godwit (<i>Limosa limosa</i>) [A156]</li> <li>Curlew (<i>Numenius arquata</i>) [A160]</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>to maintain the favourable conservation condition of the wetland habitat in Clonakilty Bay SPA as a resource for the regularly-occurring migratory birds that utilise it</li> </ul> <p>as defined by attributes and targets set out in <a href="#">Conservation Objectives Clonakilty Bay SPA (Oct 2014)</a> which are available at <a href="http://www.NPWS.ie">www.NPWS.ie</a></p>
4109	The Gearagh SPA	<ul style="list-style-type: none"> <li>Wigeon (<i>Anas penelope</i>) [A050]</li> <li>Teal (<i>Anas crecca</i>) [A052]</li> <li>Mallard (<i>Anas platyrhynchos</i>) [A053]</li> <li>Coot (<i>Fulica atra</i>) [A125]</li> <li>Wetland [A999]</li> </ul>	<p>To maintain or restore the favourable conservation condition of bird species listed as Special Conservation Interests for this SPA:</p> <ul style="list-style-type: none"> <li>Wigeon (<i>Anas penelope</i>) [A050]</li> <li>Teal (<i>Anas crecca</i>) [A052]</li> <li>Mallard (<i>Anas platyrhynchos</i>) [A053]</li> <li>Coot (<i>Fulica atra</i>) [A125]</li> </ul>

Table 1: All Natura 2000 Sites within the Bandon-Kinsale MD or otherwise identified as requiring screening			
Site Code	Site Name	Qualifying Interests	Conservation Objectives
			<p>and</p> <ul style="list-style-type: none"> <li>to maintain or restore the favourable condition of the wetland habitat at the Gearagh as a resource for the regularly-occurring migratory waterbirds that utilise it</li> </ul> <p>as set out in the <a href="#">Conservation Objectives for the Gearagh SPA</a> (August 2016) which are available at <a href="http://www.NPWS.ie">www.NPWS.ie</a></p>
4124	Sovereign Islands SPA	<ul style="list-style-type: none"> <li>Cormorant (<i>Phalacrocorax carbo</i>) [A017]</li> </ul>	<p>To maintain or restore the favourable conservation condition of bird species listed as Special Conservation Interests for this SPA:</p> <ul style="list-style-type: none"> <li>Cormorant (<i>Phalacrocorax carbo</i>) [A017]</li> </ul> <p>as set out in <a href="#">the Conservation Objectives for the Sovereign Islands SPA</a> (August 2016) which are available at <a href="http://www.NPWS.ie">www.NPWS.ie</a></p>
4190	Galley Head to Duneen Point SPA	<ul style="list-style-type: none"> <li>Chough (<i>Pyrhcorax pyrrhcorax</i>) [A346]</li> </ul>	<p>To maintain or restore the favourable conservation condition of bird species listed as Special Conservation Interests for this SPA:</p> <ul style="list-style-type: none"> <li>Chough (<i>Pyrhcorax pyrrhcorax</i>) [A346]</li> </ul> <p>as set out in the <a href="#">Conservation Objectives for the Galley Head to Duneen Point SPA</a> (August 2016) which are available at <a href="http://www.NPWS.ie">www.NPWS.ie</a></p>
4191	Seven Heads SPA	<ul style="list-style-type: none"> <li>Chough (<i>Pyrhcorax pyrrhcorax</i>) [A346]</li> </ul>	<p>To maintain or restore the favourable conservation condition of bird species listed as Special Conservation Interests for this SPA:</p> <ul style="list-style-type: none"> <li>Chough (<i>Pyrhcorax pyrrhcorax</i>) [A346]</li> </ul> <p>as set out in the <a href="#">Conservation Objectives for the Seven Heads SPA</a></p>



**Table 1: All Natura 2000 Sites within the Bandon-Kinsale MD or otherwise identified as requiring screening**

Site Code	Site Name	Qualifying Interests	Conservation Objectives
			(August 2016) which are available at <a href="http://www.NPWS.ie">www.NPWS.ie</a>
4219	Courtmacsherry Bay SPA	<ul style="list-style-type: none"> <li>• Great Northern Diver (<i>Gavia immer</i>) [A003]</li> <li>• Shelduck (<i>Tadorna tadorna</i>) [A048]</li> <li>• Wigeon (<i>Anas penelope</i>) [A050]</li> <li>• Red-breasted Merganser (<i>Mergus serrator</i>) [A069]</li> <li>• Golden Plover (<i>Pluvialis apricaria</i>) [A140]</li> <li>• Lapwing (<i>Vanellus vanellus</i>) [A142]</li> <li>• Dunlin (<i>Calidris alpina</i>) [A149]</li> <li>• Black-tailed Godwit (<i>Limosa limosa</i>) [A156]</li> <li>• Bar-tailed Godwit (<i>Limosa lapponica</i>) [A157]</li> <li>• Curlew (<i>Numenius arquata</i>) [A160]</li> <li>• Black-headed Gull (<i>Chroicocephalus ridibundus</i>) [A179]</li> <li>• Common Gull (<i>Larus canus</i>) [A182]</li> <li>• Wetland and Waterbirds [A999]</li> </ul>	<p>To maintain the favourable conservation condition of the following bird species in Courtmacsherry Bay SPA:</p> <ul style="list-style-type: none"> <li>• Great Northern Diver (<i>Gavia immer</i>) [A003]</li> <li>• Shelduck (<i>Tadorna tadorna</i>) [A048]</li> <li>• Wigeon (<i>Anas penelope</i>) [A050]</li> <li>• Red-breasted Merganser (<i>Mergus serrator</i>) [A069]</li> <li>• Golden Plover (<i>Pluvialis apricaria</i>) [A140]</li> <li>• Lapwing (<i>Vanellus vanellus</i>) [A142]</li> <li>• Dunlin (<i>Calidris alpina</i>) [A149]</li> <li>• Black-tailed Godwit (<i>Limosa limosa</i>) [A156]</li> <li>• Bar-tailed Godwit (<i>Limosa lapponica</i>) [A157]</li> <li>• Curlew (<i>Numenius arquata</i>) [A160]</li> <li>• Black-headed Gull (<i>Chroicocephalus ridibundus</i>) [A179]</li> <li>• Common Gull (<i>Larus canus</i>) [A182]</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>• to maintain the favourable conservation condition of the wetland habitat in Courtmacsherry Bay SPA as a resource for the regularly-occurring migratory birds that utilise it</li> </ul> <p>as defined by attributes and targets set out in <a href="#">Conservation Objectives Courtmacsherry Bay SPA (Oct 2014)</a> which are available at <a href="http://www.NPWS.ie">www.NPWS.ie</a></p>

## Summary of Plan Making and Screening Assessment

A summary of the plan making process including the timelines which were followed is set out in **Table 2** below. Details of the Habitats Directive screening assessments and outcomes completed at each stage of the plan making process are set out in sections 4.1-4.3.

**Table 2:** Summary of Plan Making Process Incorporating Habitats Directive Assessment

Date	Stage	How issues relating to biodiversity and the protection of the Natura 2000 network were considered.
2015	<p>Council prepared a Consultation document (Section 20(1) Consultation Document) which identified the critical planning issues and choices to be made to facilitate the future development of the main settlements within the Municipal District.</p> <p>This document identified key planning issues within the Municipal District and proposed specific approaches to zoning and rezoning and provision of required infrastructure to support development within the main towns and other settlements.</p>	
December 2015- January 2016	<p>Council published first consultation document (Section 20(1) Consultation Document).</p> <p>Submissions on this document were invited from the public between 14<sup>th</sup> December to Monday 25<sup>th</sup> January 2016.</p> <p>A total of 54 submissions were made in respect of the preliminary consultation document including a number which raised issues in relation to the protection of natural heritage resources generally at a county wide level.</p>	<p>A number of the submissions raised issues relating to the protection of Natura 2000 sites and biodiversity generally at county level.</p> <p>There were no submissions which raised plan area specific issues relating to biodiversity or Habitats Directive Assessment.</p>
January – November 2016	<p>Council prepared the draft Bandon Kinsale MD Local Area Plan taking account of the public submissions made during the first public consultation process.</p>	<p>Prior to publication, the draft plan was screened to determine whether its objectives could have the potential to give rise to significant impacts on the Natura 2000 network. The results of the assessment were compiled into the Habitats Directive Screening Report for the draft Plan (November 2016).</p>

**Table 2:** Summary of Plan Making Process Incorporating Habitats Directive Assessment

Date	Stage	How issues relating to biodiversity and the protection of the Natura 2000 network were considered.
		The Habitats Directive Screening Report included recommendations that a number of modifications to be made to the plan to ensure compliance with the Habitats and Birds Directives.
November 2016 – January 2017	<p>The draft plan was published and put on public display on the 16<sup>th</sup> November 2016.</p> <p>Submissions were invited to be made on the draft plan extending to 16<sup>th</sup> January 2017.</p>	The Habitats Directive Screening Report was also published and made available for public consultation during this period.
January-April 2017	<p>A total of 101 submissions were received in relation to the draft plan including 4 made in respect of HDA or biodiversity issues generally at a County wide level.</p> <p>All submissions were reviewed and considered by the planning policy team. The submissions were summarised in the Chief Executive’s Report (published 6<sup>th</sup> March). There were no submissions which raised issues of concern in relation to any particular Natura 2000 site or to plan specific Habitats Directive Assessment issues.</p> <p>The Chief Executive’s Report included recommendations to Council members as to what amendments should be made to the plan.</p> <p>Council members proposed the making of 117 amendments to the plan following consideration of the Chief Executives Report.</p>	<p>The proposed amendments as agreed by Council members, were subject to Habitats Directive screening assessment process. A Habitats Directive Screening Report was prepared in respect of same.</p> <p>None of the proposed amendments as published were identified to be likely to pose a possible risk of impact on any Natura 2000 site.</p>
May 2017	<p>Proposed amendments to the draft plan were published.</p> <p>Submissions were invited to be made on the proposed amendments between 2<sup>nd</sup> and 30<sup>th</sup> May 2017.</p>	The Habitats Directive Screening Report for the proposed amendments was published and made available for public consultation during this period.
June – July 2017	A total of 29 submissions were received in	The modifications which were proposed to

**Table 2:** Summary of Plan Making Process Incorporating Habitats Directive Assessment

Date	Stage	How issues relating to biodiversity and the protection of the Natura 2000 network were considered.
	<p>relation to the proposed amendments.</p> <p>None of these raised issues relating to Natura 2000 sites or to Habitats Directive Assessment.</p> <p>Issues raised in the submissions received in relation to the proposed amendments were summarised in the Chief Executives (Section Report (published June 16<sup>th</sup>) with recommendations in relation to same.</p> <p>Three modifications were recommended to be made to amendments of the plan arising from a review of the submissions. It was also recommended by the CE that one amendment would be would be excluded from the plan.</p>	<p>be made to the amendments were screened to determine whether these had implications for the Natura 2000 network. In addition, consideration was given to the amendment recommended to be excluded, to determine whether its omission from the plan could have negative consequences for any Natura 2000 site.</p> <p>No implications for the Natura 2000 network were identified in relation to any of the recommendations which were contained in the Chief Executives Report of June 16<sup>th</sup>.</p>
24 <sup>th</sup> July 2017	<p>Council Members resolved to make the Bandon Kinsale Municipal District Local Area Plan incorporating all of the amendments as proposed in May 2017, including the amendment recommended to be excluded by the Chief Executive in his report of June 16<sup>th</sup>. Council members agreed to make all minor modifications which were recommended to be made to amendments as per the Chief Executives Report.</p>	<p>Final changes to be made to the plan were screened to determine whether these might have negative implications for the Natura 2000 network.</p> <p>No implications for the Natura 2000 network were identified to be likely to arise from the final changes agreed to be made to the plan (see section 4.3 of this report).</p>
21 <sup>st</sup> August	<p>The Bandon Kinsale Municipal District Local Area Plan was published.</p>	<p>A final Habitats Directive Screening Report (this report) which contains a summary of each phase of the Habitats Directive screening process and a Habitats Directive Screening Conclusion Statement in respect of the plan as adopted was published with the Local Area Plan.</p>

A preliminary screening assessment of the draft plan was completed in respect of all of the sites identified in Table 1 above. That assessment explored whether there might be possible pathways for impact between the identified Natura sites, and the towns, villages and other settlements of the Municipal District for which policy was proposed in the draft plan.

The preliminary assessment resulted in the ‘screening out’ of a number of Natura 2000 sites as set out below. No ecological or hydrological linkages connecting towns or settlements within the Municipal District to these Natura 2000 sites was identified. Furthermore, these sites were considered to be sufficiently distant from any towns or other settlements to ensure that they were unlikely to suffer increased recreational or other pressure arising from policies contained in the plan. Consequently it was considered that there was no potential for policies in the plan to affect these sites.

Code	Site Name
0091	Clonakilty Bay SAC
0108	The Gearagh SAC
1058	Great Island Channel SAC
2171	Bandon River SAC
4021	Old Head of Kinsale
4081	Clonakilty Bay SPA
4109	The Gearagh SPA
4124	Sovereign Islands SPA
4190	Galley Head to Duneen Point SPA
4191	Seven Heads SPA

The preliminary assessment identified possible pathways for impact between the remaining Natura sites as listed in **Table 1** and towns, villages and other settlements for which policy was proposed in the draft plan. Pathways for possible impact were identified where there were direct physical or hydrological linkages between Natura 2000 sites and certain towns and villages, or where Natura 2000 sites were considered to be sufficiently close to expanding urban centres and where the possibility of increased recreational or other pressure was identified to be a potential risk. Having regard to this connectivity, it was considered appropriate to carry out a more detailed screening assessment in respect of these sites. Objectives were examined having regard to these sites to see whether they could have the potential to give rise to

- direct loss of habitat within any Natura 2000 site;
- indirect impacts on any Natura 2000 site which could affect quality of habitats within any Natura 2000 site;
- disturbance to species for which any Natura 2000 site is designated;
- a reduction in richness or density of species for which any Natura 2000 site is designated;
- negative changes in indicators of conservation value (eg water quality) in any Natura 2000 site.

This assessment looked at settlement specific policies and considered whether these were compatible with the protection of the identified sites. Recommendations were made in the screening report for modifications to be made to the draft plan in order to minimise risk of impact on the identified Natura sites. The recommendations are summarised in **Table 3** below.

**Table 3:** Summary of recommendations arising from screening assessment of draft plan

Site	Details	Recommendation
Cork Harbour SPA	<p>There was a minor overlap between the boundary of the Cork Harbour SPA and the settlement of Crosshaven. While there was no particular zoning on this land, it was considered that the fact that it is located within the settlement boundary of Crosshaven, that this could give rise to increased pressure for development within the SPA.</p> <p>It was considered that policy relating to wastewater management in the villages with treatment plants discharging within the SPA catchment was insufficiently clear given that it is known that there are issues with license compliance at some of these plants.</p> <p>It was considered that policy relating to management of surface waters in key villages and other locations was insufficiently clear. This could result pressure for development lacking sufficient controls in relation to surface water run off protection.</p>	<p>It was recommended that the area be designated as Open Space not suitable for development.</p> <p>It was recommended that it would be clarified that new developments in villages which require a connection to wastewater treatment systems discharging to Cork Harbour can only be permitted where appropriate waste water treatment facilities are available.</p> <p>It was recommended that it be clarified in the plan that new developments in key villages and other settlements adjacent to Cork Harbour would be required to make provision for Sustainable Urban Drainage Systems and to clarify that surface water run-off from these settlements should be controlled to ensure that Greenfield rates of run-off are maintained.</p>
Courtmacsherry Estuary SAC and Courtmacsherry Bay SPA	<p>It was considered that policy relating to wastewater management in Kilbrittain should be strengthened, as it was identified that there are issues with the treatment system in Kilbrittain.</p> <p>It was considered that policy relating to management of surface waters in settlements around the estuary was insufficiently clear and could result pressure for development lacking sufficient controls in relation to surface water run off protection.</p>	<p>It was recommended that it would be clarified in the plan that new developments in Kilbrittain which require a connection to the public WWTP can only be permitted when adequate wastewater treatment facilities are provided.</p> <p>It was recommended that it be clarified in the plan that new developments adjacent to the estuary would be required to make provision for Sustainable Urban Drainage Systems and to clarify that surface water run-off from these settlements should be controlled to ensure that Greenfield rates of run-off are maintained.</p>

All of these recommendations were included in the Chief Executive's Report to Council Members (March 6<sup>th</sup>), were accepted by Council, and amendments were proposed to be made to the plan to deal with same (see Table 4 below).

### Proposed Amendments Stage

A total of 101 submissions were received in respect of the draft plan. Following consideration of all submissions and deliberations of Council Members, a total of 117 amendments were proposed to be made to the Local Area Plan. These amendments responded to:

- observations made in public consultation submissions;
- the recommendations made arising from the Habitats Directive Screening Assessment of the Draft Plan (see Table 4); and
- were proposed to be made to correct errors identified following publication of the draft plan.

**Table 4:** Proposed amendments responding to recommendations of the Habitats Directive Screening Assessment of the Draft Plan and to Public Submissions on draft Plan

BK.02.06.03 Amends LAS-01 to clarify and standardise plan policy relating to provision of water and wastewater infrastructure and surface water management, aligning to the County Development Plan policy.
BK.03.04.25 /BC.03.04.25 removes U-07 pedestrian route due to possible impacts on designated sites.
BK.04.05.01 Zones land within the Crosshaven and Bays settlement which is within the Cork Harbour SPA as Open Space.
BK.05.01.01 Changes to General Objective GO-01(o) relating to Kilbrittain to clarify policy relating to management of wastewater infrastructure.
BK.05.01.02 Clarifies that new development in Kilbrittain, connecting into the public WWTP, can only proceed where it is shown that the plant is compliant with its license conditions.

None of the submissions raised issues of concern in respect of any plan specific Natura 2000 site or in respect of the Habitats Directive Assessment process. A full listing of the submissions is available in the Proposed Amendments to the Draft Local Area Plan Report (May 2017).

All of the proposed amendments were subject to screening to determine whether any of these had potential to give rise to negative impacts on any Natura 2000 site. The screening assessment was made taking account of the Natura 2000 sites identified and described in **Table 1**. The main focus of the assessment was to identify whether the proposed amendments might

- increase pressure for development within or near these sites;
- encourage or facilitate increased levels of human activity within or near these sites; or
- increase pressure on key resources such as water quality within these sites.

**Table 5** below summarises the findings of the assessment of the proposed amendments as published. Full details of the assessment process can be reviewed in the Habitats Directive Screening Report for the Proposed Amendments.

**Table 5:** Summary of Outcome of Screening of Proposed Amendments

Issues Examined	y/n	Amendment Ref. No	Relevant Settlement	EU site which may be impacted	Details of proposed amendment	Potential Impact
Proposed new zonings within Natura 2000 sites.	None	n/a	n/a	n/a	n/a	n/a
Proposed new zonings adjacent to Natura 2000 sites.	None	n/a	n/a	n/a	n/a	n/a
Proposed amendments facilitating increased population targets within sensitive Natura catchments.	None	n/a	n/a	n/a	n/a	n/a
Proposed amendments which could increase levels of human activity within or near Natura 2000 sites.	None	n/a	n/a	n/a	n/a	n/a
Other amendments that may give rise to impacts on Natura 2000 sites.	None	n/a	n/a	n/a	n/a	n/a

No issues of concern were identified at this stage of the process.

### Final Changes to Plan

A total of 29 submissions were made in respect of the proposed amendments to the draft plan. A summary of the submissions was compiled into the Chief Executives Report (published 16<sup>th</sup> June), which also included recommendations as to how these should be dealt with.

None of the submissions raised issues of concern in relation to any Natura 2000 site or in relation to the Habitats Directive Assessment process.

Three modifications were resolved to be made to amendments as proposed in May 2017, in accordance with the Chief Executives Report. These related to

- BK.01.07.04 Minor modification to text of Section 1.7 relating to protection of national road route corridors
- BK.03.03.02 Minor modification to Section 3.1 to omit references to lands within the former jurisdiction of Kinsale Town Council



- BK.03.04.28 Minor modification to text of CL-RA-01 zoning.

These modifications are minor and no implications for the Natura 2000 network were identified to be likely to arise should they be made.

The recommendation of the Chief Executive to exclude one amendment

- Amendment BK.04.04.02 Proposed Boundary Extension Belgooly

was rejected by Council Members, and this amendment, as well as all other amendments published in May 2017 was agreed to be made to the plan. These amendments had been screened prior to publication of the consultation document on the proposed amendments. No implications for the Natura 2000 network had been identified in respect of same.

## Habitats Directive Screening Conclusion Statement

<b>Bandon Kinsale Municipal District Local Area Plan</b>	
<b>Name And Location Of Natura 2000 Sites Subject To Screening For Appropriate Assessment</b>	0091 Clonakilty Bay SAC 0108 The Gearagh SAC 1058 Great Island Channel SAC 1230 Courtmacsherry Estuary SAC 2171 Bandon River SAC 4021 Old Head of Kinsale SPA 4030 Cork Harbour SPA 4081 Clonakilty Bay SPA 4109 The Gearagh SPA 4124 Sovereign Islands SPA 4190 Galley Head to Duneen Point SPA 4191 Seven Heads SPA 4219 Courtmacsherry Estuary SPA
<b>Description Of The Plan</b>	The Bandon Kinsale Municipal District Local Area Plan is a strategic plan identifying where development is to be directed and how/where supporting infrastructure is to be provided within the plan area from 2017 to 2023. The plan proposes population targets for settlements within the district and identifies where that development is proposed to be located through its zoning maps and corresponding policy objectives. See <b>Section 2</b> of this report for a more detailed summary of the plan.
<b>Is The Plan Directly Connected With Or Necessary To The Management Of The</b>	No

<p><b>Natura 2000 Sites Identified Above</b></p>	
<p><b>Are There Other Projects Or Plans That Together With This Plan Could Give Rise To Cumulative Impacts On Any Of The Above Listed Sites.</b></p>	<p>Possible risks of impact were identified in respect of three sites:</p> <ul style="list-style-type: none"> <li>• Cork Harbour SPA</li> <li>• Courtmacsherry Estuary SAC</li> <li>• Courtmacsherry Bay SPA</li> </ul> <p>Other plans that set land use policy and promote economic development, port development, development of coastal and marine tourism and development of renewable energy projects within the catchment of Cork Harbour or Courtmacsherry Estuary could act ‘in combination’ with policies set out in the Bandon Kinsale MD LAP to give rise to negative impacts on these sites. These include <i>inter alia</i></p> <ul style="list-style-type: none"> <li>• National Spatial Strategy (Department of Environment, Heritage and Local Government) 2002-2020</li> <li>• National Development Plan (Department of Environment, Heritage and Local Government) 2007-2013</li> <li>• National Climate Change Adaptation Framework (2012)</li> <li>• A Resource Opportunity – Waste Management Policy in Ireland (2012)</li> <li>• Smarter Travel – A Sustainable Transport Future 2009-2020</li> <li>• National Cycle Policy Framework 2009</li> <li>• People, Place and Policy – Growing Tourism to 2025</li> <li>• Tourism Development and Innovation - A Strategy for Investment 2016-2022</li> <li>• Realising our Rural Potential Action Plan for Rural Development 2016</li> <li>• National Renewable Energy Action Plan 2010</li> <li>• Harvest 2020 – A Vision for Irish Agri-Food and Fisheries</li> <li>• Forests, Products and People - Irelands forest policy a renewed vision 2014</li> <li>• Regional Planning Guidelines (South West Regional Authority) 2010-2022</li> <li>• Cork County Development Plan (Cork County Council) 2014</li> <li>• Cork County Local Economic and Community Plan 2016</li> <li>• West Cork Islands Integrated Development Strategy 2010</li> <li>• Tourism Statement of Strategy and Work Programme for County Cork 2017-2022</li> <li>• Growing Tourism in Cork - A Collective Strategy 2016-2020</li> <li>• Trails for Tourism – A Policy to Maximise the Economic Benefit to Cork County 2015</li> </ul>

	<p>Cork Harbour SPA</p> <ul style="list-style-type: none"> <li>• Cork City Development Plan (Cork City Council) 2015</li> <li>• Cork Area Strategic Plan (Cork County and City Councils) 2008</li> <li>• Cobh Municipal District Local Area Plan (Cork County Council) 2017</li> <li>• East Cork Municipal District Local Area Plan (Cork County Council) 2017</li> <li>• Ballincollig Carrigaline Municipal District Local Area Plan (Cork County Council) 2017</li> <li>• Port of Cork Marine Leisure Recreation Strategy (Port of Cork) 2009</li> <li>• Marine Leisure Infrastructure Strategy for South Cork (Cork County Council) 2010-2020</li> <li>• Cork Cycle Network Plan (Cork City and County Councils) 2016</li> <li>• Port of Cork Strategic Development Plan (Port of Cork) 2010</li> <li>• Midleton Town Development Plan (Midleton Town Council) 2013</li> <li>• Cobh Town Development Plan (Cobh Town Council) 2013</li> </ul> <p>Courtmacsherry Estuary SAC and Courtmacsherry Bay SPA</p> <ul style="list-style-type: none"> <li>• West Cork Municipal District Local Area Plan (Cork County Council) 2017</li> <li>• Marine Leisure Infrastructure Strategy for West Cork (Cork County Council) 2008</li> </ul>
<p><b>Assessment Of Significant Effects</b></p>	
<p><b>Describe How The Plan (Alone Or In Combination Is Likely To Affect Natura 2000 Sites)</b></p>	<p>The key issues which were identified through the HDA screening process at the draft plan screening stage to have the potential to give rise to negative effects on Natura 2000 sites were as follows:</p> <p><b>Boundary Issue:</b> Land within the Cork Harbour SPA within the settlement of Crosshaven and was considered at the screening assessment process to be vulnerable to come under pressure for development.</p> <p><b>Nutrients Issue:</b> Issues relating to license compliance / capacity were identified to be associated with a number of WWTP's associated with villages and other settlements discharging treated effluent to surface waters within the catchment of the Cork Harbour SPA and Courtmacsherry Estuary.</p>

	<p><b>Surface Water:</b> It was considered that the plan lacked clarity in relation to surface water management policy for villages and other settlements. Lack of control in terms of management of surface waters discharging to designated waters at Cork Harbour and Courtmacsherry, could potentially pose a risk of impact (pollution risk particular) to habitats within Natura 2000 sites.</p>
<p><b>Changes To The Draft Plan To Prevent These Impacts</b></p>	<p>Lands within the settlement boundary of Crosshaven were zoned as Open Space not suitable for development.</p> <p>Policy relating to wastewater was strengthened to clarify that new developments in settlements, requiring a connection to public WWTPs around Cork Harbour and Courtmacsherry Estuary can only be permitted where waste water treatment infrastructure is in place which can cater for additional loadings without posing a risk of impact on these sites.</p> <p>Policy relating to management of surface waters associated with new developments in settlements around Cork Harbour and Courtmacsherry Estuary was clarified.</p>
<p><b>Proposed Amendments To Draft Plan</b></p>	<p>No issues of concern for the Natura 2000 network were identified in respect of proposed amendments to be made to the draft plan. No modifications to any of the proposed amendments were required.</p>
<p><b>Final Changes To Draft Plan</b></p>	<p>A total of 29 submissions were made in respect of the proposed amendments to the plan. All proposed amendments as published were resolved to be made, with three minor modifications. No implications for the Natura 2000 network were identified to be likely to arise on foot of the minor modifications agreed to be made.</p>
<p><b>List Of Agencies Consulted</b></p>	<p>The draft plan and proposed amendments to same were referred to all of the relevant Statutory Authorities and were available for consideration by the general public at a number of different stages during the plan making process. Submissions made by Statutory Authorities, groups and members of the public which related to impacts on the Natura 2000 network were considered at every stage of the plan as described in this report. Amendments were made to the plan to address all of the substantive issues raised in these submissions.</p>
<p><b>Screening Conclusion</b></p>	<p>On the basis of the screening assessments which were completed at each stage of the plan making process and which are in this document, it is concluded that the Bandon Kinsale MD Local Area Plan does not have the potential to give rise to significant negative impacts on any of the Natura 2000 sites listed in this document.</p>

<b>Data Collected To Carry Out The Assessment</b>	
<b>Who Carried Out The Assessment</b>	Planning Policy Unit Cork County Council
<b>Sources Of Data</b>	See references
<b>Level Of Assessment Completed</b>	Screening for Appropriate Assessment
<b>Where Can The Full Results Of The Assessment Be Accessed And Viewed</b>	The full Habitats Directive screening process may be tracked through this report and through the references set out below. All documents are available at <a href="http://www.corkcoco.ie/planning">www.corkcoco.ie/planning</a>

## References

### Cork County Council Documents

The following is a list of the main documents which were prepared during the making of the Bandon Kinsale Municipal District Local Area Plan. All of these documents are available at [www.corkcoco.ie/planning](http://www.corkcoco.ie/planning). Background documents and other reports including the reports of the Chief Executive of Cork County Council which was also prepared as part of the plan making process are also available on this website.

<b>Cork County Council Bandon Kinsale MD Local Area Plan Documents</b>	
<b>Publication Date</b>	<b>Document Title</b>
14 <sup>th</sup> December 2015	Bandon Kinsale Municipal District Local Area Plan Review Public Consultation Document
15 <sup>th</sup> April 2016	Proposed Bandon Kinsale Municipal District Local Area Plan 2017, Chief Executives Report on Preliminary Public Consultation Process
16 <sup>th</sup> November 2016	Draft Bandon Kinsale Municipal District Local Area Plan
16 <sup>th</sup> November 2016	Draft Bandon Kinsale Municipal District Environmental Reports <ul style="list-style-type: none"> <li>• Strategic Environmental Assessment Environmental Report</li> <li>• Strategic Flood Risk Assessment</li> <li>• Habitats Directive Screening Report</li> </ul>
6 <sup>th</sup> March 2017	Bandon Kinsale Municipal District Local Area Plan Public Consultation Draft, Chief Executive's Opinion on the Issues Raised by Submissions & Recommended Amendments
2 <sup>nd</sup> May 2017	Draft Bandon Kinsale Municipal District Local Area Plan Proposed Amendments to the Draft Plan
2 <sup>nd</sup> May 2017	Bandon Kinsale Municipal District Local Area Plan Proposed Amendments to the Draft Plan Environmental Reports <ul style="list-style-type: none"> <li>• Addendum to Strategic Flood Risk Assessment Environmental Report</li> <li>• Strategic Flood Risk Assessment</li> </ul>

	<ul style="list-style-type: none"> <li>• Changes to the Bandon Kinsale Environmental Report</li> <li>• Habitats Directive Screening Report</li> </ul>
16 <sup>th</sup> June 2017	Bandon Kinsale Municipal District Local Area Plan 2017, Chief Executives Report on Proposed Amendments Public Consultation Process
21 <sup>st</sup> August 2017	<p>Bandon Kinsale Municipal District Local Area Plan, 2017</p> <p>Volume One – Main Policy Material</p> <p>Volume Two – Environmental Reports</p> <ul style="list-style-type: none"> <li>• Strategic Environmental Assessment Environmental Statement</li> <li>• Habitats Directive Screening Report</li> </ul> <p>Volume Three – Map Browser</p>

### NPWS Site Data

Information relating to individual Natura 2000 sites including Article 17 Conservation Assessment Reports for Habitats and Species In Ireland (2013), individual site synopses, Natura 2000 data forms, and information relating to the qualifying features and conservation objectives of individual sites was sourced from the NPWS database ([www.NPWS.ie](http://www.NPWS.ie)).

### Other References

Guidance used in the preparation of this report included the following:

European Communities, Managing Natura 2000 sites. The provisions of Article 6 of the Habitats Directive 92/43/EEC. European Communities, 2000.

European Communities, Assessment of plans and projects significantly affecting Natura 2000 sites.

Methodological guidance on the provisions of Article 6(3) and (4) of the Habitats Directive 92/43/EEC. European Communities, 2001.

Environment, Heritage and Local Government. Appropriate Assessment of Plans and Projects in Ireland. Guidance for Planning Authorities. 2009.