

Strategic Environmental Assessment of Proposed Material Alterations to the Draft Callan Local Area Plan 2019

Addendum to the Environmental Report

**In accordance with the requirements of the
Planning and Development (Strategic Environmental
Assessment) Regulations 2004 (as amended)**

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1.0 Introduction

The Draft Callan LAP 2019 was placed on public display from the Thursday 8th of November 2018 – 20th of December 2018. An Environmental Report, outlining the Strategic Environmental Assessment (SEA) process was also placed on display with the LAP.

A total of 16 submissions were received on the LAP. The issues raised by the submissions were summarised and the response and recommendation of the Chief Executive was provided in accordance with the Planning and Development Act 2000 (as amended). Following consideration of the Chief Executive’s Report on the submissions, the Elected Members decided to make a number of changes which are considered to be Material Alterations in response to a number of issues raised in the submissions.

As part of the SEA process, all land use plans, inclusive of material alterations, must undergo a formal ‘test’ or be screened to see if they would have likely significant effects on the environment. In accordance with Section 20(3)(f) of the Planning and Development Act 2000, as amended, the Planning Authority shall determine if a SEA is required “to be carried out as respects one or more than one proposed material alteration of the draft local area plan”.

A determination was made that SEA of the proposed material alterations was necessary.

This report also includes, as Appendix 1, an addendum to the Environmental Report of the Draft Plan, to incorporate the issues raised in the submissions received on the Environmental Report accompanying the Draft Plan.

1.1 SEA Legislative Context

The Planning and Development (Strategic Environmental Assessment) Regulations 2004 (S.I. No. 436 of 2004) (as amended by SI No. 201 of 2011) transpose the European Strategic Environmental Assessment (SEA) Directive 2001/42/EC into Irish Law. The former Department of the Environment Heritage and Local Government issued guidelines in November 2004 on the implementation of the SEA Directive (2001/42/EC) entitled ‘Assessment of the Effects of Certain Plans and Programmes on the Environment’. The SEA guidelines outline the SEA process and set out the following requisite steps as outlined in Table 1.

Table 1 Steps in the SEA process

Stage	Status
Scoping: Consultation with Statutory bodies and other interested parties on the scope and level of detail to be considered in the assessment	Completed
Preparation of Environmental Report: An assessment of the likely significant impacts on the environment as a result of the Plan.	Completed
Consultation on the Draft Callan LAP and associated Environmental Report and Appropriate Assessment.	Completed
Evaluation of submissions and observations made on the Draft Callan LAP, Environmental Report and Appropriate Assessment.	Completed
Considerations of Managers Report on submissions and observations made on the Draft Callan LAP, Environmental Report and Appropriate Assessment.	Completed
Publication of proposed Material Alterations to Draft Callan LAP and associated Strategic Environmental Assessment and Appropriate Assessment.	Current Stage

Stage	Status
Preparation of an SEA Statement identifying how environmental considerations and consultation have been integrated into the Adopted Local Area Plan.	To be Completed

1.2 Assessment of Material Alterations of the Draft LAP

The Strategic Environmental Assessment of the proposed Material Alterations shall follow the same assessment methodology as set out in Section 4 of the Environmental Report submitted with the Draft Plan for reasons of clarity and consistency. The proposed Material Alterations have been assessed against the Strategic Environmental Objectives (SEOs) outlined in Table 4.1 of the Environmental Report submitted with the Draft LAP which have also been reproduced in Table 2 below. The potential effects are categorised as follows:

- Significant beneficial effect ✓✓
- beneficial effect ✓
- O – neutral
- Adverse effect / uncertain x
- Significant adverse effect xx

Each material alteration to an objective, policy, text change and mapping change is examined in Section 2 and Table 3.

Table 2 Strategic Environmental Objectives

Ref	Environmental Objective	Indicator	SEA Topic Area
1 BIO	Conserve and enhance the diversity of habitats and species, including designated sites which may be sensitive to development	Loss of habitats and species (CDP)	Biodiversity, flora and fauna
2 HEA	Improve the health and wellbeing of the population in Callan including relevant environmental health issues re air quality and noise	Deprivation index No. of complaints re noise Air quality.	Population and Human Health
3 WAT	Prevent pollution and contamination of groundwater	Faecal Coliform counts per 100ml of groundwater (CDP) New developments granted permission which cannot be adequately served by the current wastewater treatment plant	Water
4 WAT	Protect and improve river water quality in Callan	Biotic Quality Rating (Q value) (CDP)	Water

Ref	Environmental Objective	Indicator	SEA Topic Area
5 WAT	Protect and improve water supply	Levels of E-Coli present in drinking water Developments granted permission which cannot be adequately service by current water supply	Water and Human Health
6 CLI	Adapt and mitigate the effects of climate change, including flood risk	Developments granted permission on flood plain / unauthorised development on floodplain Recorded flooding episodes No. of developments where energy supplied by renewable energy sources % of those travelling to work, school or college using a car	Climatic factors / Material Assets
7 HER	Protect and conserve Callan's cultural heritage, including areas of archaeological interest, protected structures, important monuments and sites and hedgerows	Number of unauthorised developments resulting in full or partial loss of cultural heritage (CDP) No. of vacant structures on the RPS	Cultural Heritage
8 LAN	Protect and enhance valued natural and historic landscapes and features within them.	Number of developments granted / unauthorised conspicuous developments located within sensitive landscapes (CDP)	Landscape
9 SOIL	Protect and enhance soil	% of development on brownfield land	Soil

1.3 Related Environmental Assessments

1.3.1 Appropriate Assessment Screening

Appropriate Assessment (AA) screening has been undertaken on the Proposed Material Alterations to the Draft Plan. AA is an assessment process relating to Natura 2000, or European, sites - these sites have been designated or proposed for designation by virtue of their ecological importance at a European level. The Habitats Directive, its transposing Birds and Natural Habitats Regulations 2011 (as amended) and the Planning and Development Act 2000 (as amended) provide the requirement to screen the proposed material alterations

for effects on European Sites. If the effects are deemed to be significant or if the significance of the effects is uncertain then the proposed material alterations must progress to the second stage of the AA process.

1.3.2 Appropriate Assessment

The second stage of the AA process is 'appropriate assessment' and at this stage the effect of the plan / project (in this case the LAP) on the integrity of a Natura 2000 site is considered with respect to the conservation objectives of the site and to its structure and function. A Stage 2 AA was carried out for the Proposed Material Alterations. The mitigation measures proposed in that are to protect water quality and the species using the river and are the same as those set out in the NIR for the LAP and were deemed sufficient to avoid adverse effects on the integrity of the River Barrow and River Nore SAC and River Nore SPA.

1.3.3 Flood Risk Assessment

Flood Risk Assessment (FRA) has been undertaken on Proposed Material Alterations relating to land use zoning. The requirement for FRA is provided under 'The Planning System and Flood Risk Management Guidelines for Planning Authorities' (DECLG, 2009).

2.0 Evaluation of the Likely Significant Effects of the Material Alterations

Table 3 Evaluation of the Likely Significant Effects of the Material Alterations

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic, short, medium, long-term, permanent, temporary, positive and negative effects and scale (local / regional / national))	
	✓✓ - Significant beneficial effect ✓ - beneficial effect O – neutral ✕ - Adverse effect / uncertain ✕✕ Significant adverse effect										
	1 BIO	2 HEA	3 WAT	4 WAT	5 WAT	6 CLI	7 HER	8 LAN	9 SOIL		
The following changes are proposed to Figure A1: Zoning Map and Bridge Street Masterplan Map (See Appendix 3 and 4)											
Material Alteration No. 1 (see Figure 1/Appendix 3) Amend Figure 1; Zoning Map to omit area of public open space for Clonkil Development from the masterplan area and amend zoning to Open Space	O	O	O	O	O	O	O	O	O	O	This alteration recognises the existing land use at this location. No significant effects are likely. Recommendation: n/a
Material Alteration No.2 (see Figure 1/Appendix 3) Amend Figure 1; Zoning Map to provide for Industrial zoning	O	O/✓	O	O	O	O	O	O	O	O	This alteration changes the zoning of a site of 3.7 hectares to industrial use which will support employment in the town. Given existing development management standards and the proposed location,

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,	
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	* - Adverse effect / uncertain	** Significant adverse effect						
											which is not considered environmentally sensitive, this change would not give rise to any significant environmental effects. Recommendation: n/a
Material Alteration No.3 (see Figure 1/Appendix 3) Amend Figure 1; Zoning Map from Community Facility to Existing Residential	O	O	O	O	O	O	O	O	O	O	This alteration changes the zoning of the Callan library to 'existing residential'. The minor nature of the amendment means that this change would not give rise to any significant environmental effects. Recommendation: n/a
Material Alteration No.4 (see Figure 1/Appendix 3) Amend Figure 1; Zoning Map from Open Space/Agriculture to New Residential	O	O	O	O	O	O	O	O	O	O	This alteration makes a minor amendment to an existing zoned area to more accurately reflect the outline of planning permission 10/458. The relatively minor nature of the amendment means that this change would not give rise to any significant

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic, environmental effects.	
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	* - Adverse effect / uncertain	** Significant adverse effect						
											Recommendation: n/a
Material Alteration No.5 (see Figure 1/ Appendix 3); Amend Figure 1; Zoning Map from Agriculture to Existing Residential	O	O	O	O	O	O	O	O	O	O	This alteration recognises the existing land use at this location. This change would not give rise to any significant environmental effects. Recommendation: n/a
Material Alteration No.6 (see Figure 1 / Appendix 3); Amend Figure 1; Zoning Map from Agriculture to Existing Residential	O	O	O	O	O	O	O	O	O	O	This alteration recognises an existing land use at this location. This change would not give rise to any significant environmental effects. Recommendation: n/a
Material Alteration No.7 (see Map 02/ Appendix 4) Amend Map 02; Bridge Street Masterplan to omit map reference data in relation to protected structures (blue marker).	O	O	O	O	O	O	O	O	O	O	Recognising that there are some inaccuracies in relation to the mapped data within the Bridge Street Masterplan within the Draft LAP, this alteration is made in the interest of clarity and accuracy. The Record of

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	* - Adverse effect / uncertain	** Significant adverse effect					
										Protected Structures in Appendix 2 of the Draft LAP provides the complete and accurate listing of all protected structures in Callan. This change would not give rise to any significant environmental effects. Recommendation: n/a
Text Changes										
<p>Chapter 1 Introduction and Strategic Context</p> <p>Material Alteration No.8;</p> <p>Amend Section 1.4;</p> <p>In summary the mitigation proposed include measures to ensure that sites will be developed in a manner that is sensitive to the natural and built heritage of Callan LAP area; that there will be no development of sites within the river buffer zone (ca. 20 m from each riverbank); that wastewater, drainage and drinking water infrastructure must be in place prior to development and that all contractors working on sites will be expected to</p>	* / O	O	* / O	* / O	* / O	O	O	O	O	<p>The removal of the buffer zone has the potential to increase the risk of emissions to the river during construction and operation of development. It is uncertain if significant effects are likely (in the absence of mitigation)</p> <p>Recommendation: No adverse effects anticipated if the proposed zoning is adhered to in-combination with the proper</p>

Material Alterations	SEA Objective ✓✓ - Significant beneficial effect ✓ - beneficial effect O – neutral ✕ - Adverse effect / uncertain ✕✕ Significant adverse effect									Comments (Including reference to secondary, cumulative, synergistic,
<p>provide site specific method statements detailing measures to prevent any impacts of the River Barrow and River Nore SAC 002162 and River Nore SPA 004233. These mitigation measures will apply for the lifetime of the plan (including any extension period).</p> <p>It is considered that if the proposed zoning, including the 20 m buffer zone on either side of the river, is strictly adhered to in-combination with the proper implementation of the proposed mitigation measures; Callan Local Area Plan 2019 -2025 is not likely to result in adverse effects on the integrity of either the River Barrow and River Nore SAC nor the River Nore SPA.</p>										<p>implementation of the proposed mitigation measures (as set out in the NIR).</p>
<p>Material Alteration No.8;</p> <p>Insert objectives 1A and 1B as follows into Section 1.4</p> <p><i>1A To implement the provisions of Articles 6(3) and 6(4) of the EU Habitats Directive.</i></p> <p><i>1B To ensure that any plan or project within the functional area of the Planning Authority is subject to appropriate assessment in accordance with the Guidance Appropriate Assessment of Plans and Projects in Ireland – Guidance for Planning</i></p>	✓✓	O	O	O	O	O	O	O	<p>The alterations in this section of Chapter 1 are designed to support the implementation of the EU Habitats Directive and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>	

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	* - Adverse effect / uncertain	** Significant adverse effect					
<i>Authorities, 2009 and is assessed in accordance with Article 6 of the Habitats Directive in order to avoid adverse impacts on the integrity and conservation objectives of the site</i>										
Chapter 2 Callan in context Material Alteration No.9; Amend heading 2.4 Other Plans and Policies to read <i>'Local Plans and Policies – Achievements in Town Centre Renewal and Community Engagement'</i> .	O	O	O	O	O	O	O	O	O	This alteration is minor in nature and will not give rise to any significant environmental effects. Recommendation: n/a
Material Alteration No.10; Insert Section 2.3.11 <i>Government Policy on Architecture 2009-2015</i> <i>'The Policy recognises the place of architecture in society as an expression of cultural, aesthetic, and social values, both past and present, and the challenges and expectations of the future in shaping a sustainable quality environment.'</i>	O	O/✓	O	O	O	O	O	O	O	The alteration in this section of Chapter 2 is designed to reference government policy on design and will not result in any significant environmental effects. Recommendation: n/a
Chapter 3 Vision and Strategic Objectives Material Alteration No.11; Section 3.1 Key Issues for the Callan LAP 2019-2025 The following amendment to the text will be	O/X	O	*/O	*/O	*/O	O	O	O	O	Potential for direct impacts to the King's River during any improvement and restoration works. It is uncertain if significant effects are likely (in the absence of

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic, mitigation)	
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	✗ - Adverse effect / uncertain	✗✗ Significant adverse effect						
included. The additional bullet will read <i>'Improvement and Restoration of the King's River'</i>											
Chapter 5 Town Centre, Economic Development and Employment Material Alteration No.12; Employment - Objectives The following amendment to EO5 to be included: To encourage <i>work with the owners of the Westcourt Industrial Estate to ensure the continued improvement of road infrastructure</i> at the Westcourt Industrial Estate to a level that is sufficient to allow the taking in charge of roads and associated infrastructure.	O	✓	O	O	O	O	O	O	O	O	This alteration is minor in nature and will not result in any significant environmental effects. Recommendation: n/a
Material Alteration No.13 Amend transport objective TCO11 as follows;	O	✓	O	O	O	O	O	O	O	O	This alteration is designed to improve the pedestrian environment and will not

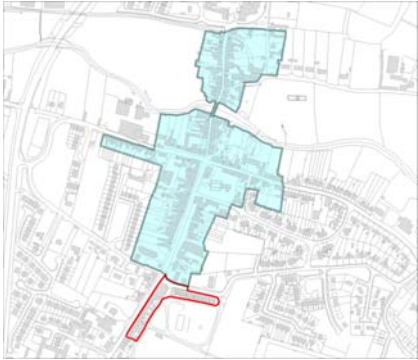
Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,								
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	* - Adverse effect / uncertain	** Significant adverse effect													
TCO11: Provide improved better pedestrian connections along Chapel Lane, <i>notwithstanding the restrictive width along parts of the lane.</i> which is the main pedestrian route linking Aldi and Green Street. and;										result in any significant environmental effects. Recommendation: n/a								
Chapter 6 Housing and Community Material Alteration No.14; Amend paragraph 3 of section 6.1 as follows: “The town is served by has a mixed number of primary <i>schools of which some are outside the town. Schools serving the town are including</i> Bunscoil McCauley Rise, Ballytobin Primary School and Kilkenny Steiner School as well as two secondary schools; St Bridget’s College and Edmund Rice College, located in the north part of town.” Table 6.1.1 will be updated also.	O	O	O	O	O	O	O	O	O	This alteration is minor in nature and will not result in any significant environmental effects. Recommendation: n/a								
Material Alteration No.15; Amend Table 6.1.1 as follows: <table border="1" data-bbox="193 1161 772 1339"> <thead> <tr> <th>School</th> <th>Current No. of Pupils</th> <th>School Capacity</th> <th>No. of available School Places</th> </tr> </thead> <tbody> <tr> <td>Bunscoil</td> <td>454</td> <td>454</td> <td>Limited</td> </tr> </tbody> </table>	School	Current No. of Pupils	School Capacity	No. of available School Places	Bunscoil	454	454	Limited	O	O	O	O	O	O	O	O	O	This alteration is minor in nature and will not result in any significant environmental effects. Recommendation: n/a
School	Current No. of Pupils	School Capacity	No. of available School Places															
Bunscoil	454	454	Limited															

Material Alterations				SEA Objective							Comments (Including reference to secondary, cumulative, synergistic,
				✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	✗ - Adverse effect / uncertain	✗✗ Significant adverse effect			
McCauley Rice											
Poulacapple National School (In Co. Tipperary, 5 mins drive from Callan)	60 (3 teacher school)	72	12								
<i>Ballytobin Primary School / Kilkenny Steiner School</i>	<i>39</i>	<i>64</i>	<i>25</i>								
Primary School Total	514	526	12								
Chapter 6 Housing and Community Material Alteration No.16; Amend paragraph 5 of section 6.1 as follows: “Community organisations are also well established in Callan with the Callan Community Network established in 1999 as a voluntary group. The core aim of this group is in the betterment and advancement of Callan and they run the Droichead				O	O	O	O	O	O	O	O
											This alteration is minor in nature and will not result in any significant environmental effects. Recommendation: n/a

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	✗ - Adverse effect / uncertain	✗✗ Significant adverse effect					
family resource centre."										
<p>Chapter 6 Housing and Community</p> <p>Material Alteration No.17;</p> <p>Amend paragraphs 6 of section 6.1 as follows:</p> <p><i>"There are three a number of arts organisations in Callan; KCAT, Workhouse Union and Trasna Productions. The KCAT (Kilkenny Collective for Arts Talent) Art Centre, an inclusive and participatory arts centre that works together with Equinox Theatre Company, combining artists with learning disabilities and other disadvantages with professional arts practitioners. 3 theatre companies in the town are Monkeyshine Theatre, Asylum Productions and Equinox Theatre;"</i> combining artists with learning disabilities and other disadvantages with professional arts practitioners.</p>	O	✓	O	O	O	O	O	O	O	<p>This alteration recognises considerable community assets but in the context of environmental protection is minor in nature. It will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Chapter 6 Housing and Community</p> <p>Material Alteration No.18;</p> <p>Amend paragraphs 7 of section 6.1 as follows</p> <p><i>"Callan has two youth groups under the Ossory Youth organisation including Callan Youth Project and Callan Street Art. Callan Youth group is managed by Foroige."</i></p>	O	✓	O	O	O	O	O	O	O	<p>This alteration is minor in nature and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	* - Adverse effect / uncertain	** Significant adverse effect					
<p>Chapter 6 Housing and Community</p> <p>Material Alteration No.19;</p> <p>Amend bullet no. 2 of 6.1.6 Housing and Community – Special Development Objective ‘HC-SDO 1’ as follows: ‘A site-specific Flood Risk Assessment (<i>to include drainage infrastructure</i>), appropriate to the type and scale of the proposed development and a site specific justification test if required must be submitted at planning application stage in line with the DoEHLG Guidelines “The Planning System and Flood Risk Management”, November 2009.</p>	O	O	O	O	O	✓	O	O	O	<p>This alteration in Chapter 6 is designed to support the implementation of the following ministerial guidelines, ‘The Planning System and Flood Risk Management’ (2009) in relation to flood risk and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Chapter 7 Cultural, Built and Natural Heritage</p> <p>Material Alteration No.20;</p> <p>Revise the “Statement of Character” for the ACA by adding the following under Section 7.1.3 of the draft LAP</p> <p><i>At the turn of the 19th century, the town again extended, with the construction of single storey dwellings on Green Lane Lower and Clonmel Road, these contained small rear yards that backed on to the Fair Green. These building are different from the mixed use two storey Georgian buildings of the town core, and represent small scale residential expansion of the town. The architectural and social</i></p>	O	O	O	O	O	O	✓	✓	O	<p>This alteration is minor in nature and is designed to protect Callan’s historic environment and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	* - Adverse effect / uncertain	** Significant adverse effect					
<i>importance of these single storey terraced houses in the wider urban context is understated by their subtlety of form and urban finish.</i>										
<p>Chapter 7 Cultural, Built and Natural Heritage</p> <p>Material Alteration No.21;</p> <p>In section 7.1.5 Built Heritage Development – Development Management Objectives insert objective as follows;</p> <p><i>BHDM 8: Assessment for new developments in the ACA should have regard to scale, height, fenestration, roofs and facades, which will enable such architectural details and context to be maintained and strengthened.</i></p>	O	O	O	O	O	O	✓	✓	O	<p>This alteration is minor in nature and is designed to protect Callan’s historic environment and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Material Alteration No.22;</p> <p>Replace Figure 4 (Section 7.1.5) Callan Architectural Conservation Area as follows</p>	O	O	O	O	O	O	✓	✓	O	<p>This alteration is minor in nature and is designed to protect Callan’s historic environment and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>

Material Alterations	SEA Objective ✓✓ - Significant beneficial effect ✓ - beneficial effect O – neutral ✕ - Adverse effect / uncertain ✕✕ Significant adverse effect										Comments (Including reference to secondary, cumulative, synergistic,
											
<p>Chapter 7 Cultural, Built and Natural Heritage</p> <p>Material Alteration No.23;</p> <p>Amend NHB1 (Section 7.2.2) as follows;</p> <p>NHB1: In seeking to protect and enhance the natural environment, Kilkenny County Council will seek to;</p> <ul style="list-style-type: none"> Protect natural heritage sites designated in National and European legislation, specifically the River Barrow and Rivers Nore SAC; Provide for an appropriate riverside buffer of circa 20m that protects the integrity of the SAC and assists in the management of flood risk; 	O	O	O	O	O	O	O	O	O	O	<p>The removal of the buffer zone has the potential to increase the risk of emissions to the river during construction and operation of development. It is uncertain if significant effects are likely (in the absence of mitigation)</p> <p>Recommendation: No adverse effects anticipated if the proposed zoning is adhered to in-combination with the proper implementation of the</p>

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic, proposed mitigation measures (as set out in the NIR).	
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	* - Adverse effect / uncertain	** Significant adverse effect						
Chapter 7 Cultural, Built and Natural Heritage Material Alteration No.24; Insert new objective NBH6 as follows; <i>NHB6: It is an objective of Kilkenny County Council to avoid the spread of alien invasive species, to promote good practice in the control of invasive species and to raise awareness in relation to invasive species present within the LAP area and thereby preventing the spread of invasive species.</i>	✓	O	O	O	O	O	O	O	O	This alteration is designed to protect Callan’s natural heritage and no significant effects are likely. Recommendation: n/a	
Chapter 8 Recreation, Tourism and the Arts Material Alteration No.25; Amend G11 as follows; ‘It is an objective of Kilkenny County Council to develop a Green Infrastructure Strategy for the town, linked to its urban regeneration’. <i>The strategy will identify a youth space on existing open space within the town.</i>	O	O	O	O	O	O	O	O	O	This alteration is minor in nature and will not result in any significant environmental effects. Recommendation: n/a	
Material Alteration No.26; Amend SDO- OS2 as follows:	O	✓	O	O	O	O	O	O	O	This alteration is minor in nature and is designed to reduce car traffic and will	

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,	
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	✗ - Adverse effect / uncertain	✗✗ Significant adverse effect						
‘SDO- OS2 To develop the Motte Field as part of the Green infrastructure Strategy for the town with all stakeholders <i>and to incorporate an appropriate pedestrian access to the Westcourt Industrial Estate and the Callan Bacon site as part of the Motte Fields Nature and Heritage Trail.</i> ‘											not result in any significant environmental effects. Recommendation: n/a
<p>Material Alteration No.27 (a) + (b);</p> <p>(a) Insert the following under Section 8.2.2 (paragraph 2)</p> <p><i>“The network of arts organisations and collectives in the town include KCAT Arts Centre, Equinox Theatre Company, Workhouse Union, Abhainn Rí Festival, Fennelly’s of Callan, Monkeyshine Theatre, Asylum Productions, Tony O’Malley Residency and Trasna Productions. Over 30 people are employed on a full-time or part-time basis in the arts in Callan, with a considerable number of self-employed artists and creative practitioners working in the town too.</i></p> <p><i>KCAT is a multi-disciplinary Arts Centre dedicated to the fostering and nurturing of creative ambition and professional development in the arts. Over 100 participants per week take part in an aspect of KCAT’s artistic activities. With support from this LAP and other policy and funding opportunities, Callan could be further developed as an excellent place to</i></p>	O	O	O	O	O	O	O	O	O	O	These alterations are minor in nature and will not result in any significant environmental effects. Recommendation: n/a

Material Alterations	SEA Objective ✓✓ - Significant beneficial effect ✓ - beneficial effect O – neutral ✕ - Adverse effect / uncertain ✕✕ Significant adverse effect										Comments (Including reference to secondary, cumulative, synergistic,
<p><i>make, support and foster artistic production and engagement. The vibrancy of the arts activities in Callan also holds additional tourism potential.”</i></p> <p>(b) Delete the following under Section 8.2.2</p> <p>“The strong arts community in Callan includes several theatre groups and facilitates the organization of the annual festival Abhainn Rí Festival of Participation and Inclusion since 2010, holding a series of events for a week each year aiming to bring people together. The vibrancy of the arts activities in Callan also holds additional tourism potential.”</p> <p>“In Callan, there are also a number of very active arts and community groups which provide a strong basis for a community and arts led regeneration approach to improving the town centre, particularly around Bridge Street. Together with Callan’s unique townscape and history these groups form part of an important cultural asset base in the town. They include an existing ‘civic cluster’ at Callan Workhouse.”</p>											
<p>Material Alteration No.28</p> <p>Insert the following in Section 8.2.2 (paragraph 5);</p> <p><i>Callan’s artistic network has developed a particularly strong practice in participatory design</i></p>	0	0	0	0	0	0	0	0	0	0	This alteration is minor in nature and will not result in any significant environmental effects.

Material Alterations	SEA Objective ✓✓ - Significant beneficial effect ✓ - beneficial effect O – neutral ✕ - Adverse effect / uncertain ✕✕ Significant adverse effect										Comments (Including reference to secondary, cumulative, synergistic,
<p><i>and civic engagement, providing a solid basis for a community and arts-led regeneration approach to improving the town centre, particularly around Bridge Street. Public and community engagement work on the future of the Bridge Street Upper has been significant over the past five years and should be further developed and built on through the LAP. 'The Bridge Street Project' was an interdisciplinary collaboration between theatre-makers, architecture practitioners, residents and business owners of Bridge Street, and the wider community of Callan. Together with Callan's unique townscape and history, these creative initiatives form part of an important cultural asset base in the town. A similar approach has happened in the existing 'civic cluster' at Callan Workhouse and should be further developed and built on through the LAP.</i></p>											<p>Recommendation: n/a</p>
<p>Material Alteration No.29 (a) (b) +(c) (a) Amend section 8.2.3 Arts, Culture & the Creative Economy Objectives by inserting ACCE4 as follows: "ACCE4: It is an objective of Kilkenny County Council to support the further development of existing cultural facilities and activities in Callan and to investigate the feasibility of providing additional cultural facilities in the town."</p>	O	O	O	O	O	O	O	O	O	O	<p>This alteration is minor in nature and will not result in any significant environmental effects. Recommendation: n/a</p>

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	✗ - Adverse effect / uncertain	✗✗ Significant adverse effect					
<p>(b) Amend Section 8.2.3 by inserting ACCE5 as follows</p> <p><i>ACCE5: It is an objective of Kilkenny County Council to support the development of the various arts organisations in the town.</i></p> <p>(c) Amend Section 8.2.3 by inserting ACCE6 as follows</p> <p><i>“ACCE6: It is an objective of Kilkenny County Council to support the development of Callan Workhouse as a civic and cultural cluster.”</i></p>										
<p>Chapter 9 Infrastructure and Environment</p> <p>Material Alteration No.30</p> <p>Amend Section 9.1 paragraph 2 as follows;</p> <p><i>Irish Water’s 2020-2024 Investment Plan has been submitted to the Commission for Regulation of Utilities (RCU); further details can be found on the CRU website at www.cru.ie.</i></p>	O	O	O	O	O	O	O	O	O	<p>This alteration is designed to protect the water environment and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Material Alteration No.31</p> <p>Amend Section 9.1 Waste Water Treatment as</p>	O	O	✓	✓	✓	O	O	O	O	<p>This alteration is designed to protect the water environment and will not</p>

Material Alterations	SEA Objective ✓✓ - Significant beneficial effect ✓ - beneficial effect O – neutral ✕ - Adverse effect / uncertain ✕✕ Significant adverse effect								Comments (Including reference to secondary, cumulative, synergistic,			
<p>follows;</p> <p><i>The existing treatment plant in Callan has a design capacity for population of 4000pe and all the majority of properties within the town are connected to the WWTP via the wastewater network serving the town. However it's The network is a combined system with mixed storm and foul water which can be problematic when flood events occur. The town also has a proliferation of pumping stations. The Callan network has been included on the national stormwater overflow (SWO) survey and assessment programme, which has commenced and will take 2-3 years to complete. A strategic assessment of the towns existing network of pumping stations is required and The requirement for additional stations should be limited where possible. Within Irish Water's Draft Investment Plan a provisional and draft list of projects and programmes is provided. The projects and programmes listed are expected to be commenced, progressed or completed during the 2020-2024 period. Callan WWTP is included under this list and Table 15 provides an extract from the supplementary capacity register. However,</i></p>												<p>result in any significant environmental effects.</p> <p>Recommendation: n/a</p>

Material Alterations	SEA Objective ✓✓ - Significant beneficial effect ✓ - beneficial effect O – neutral ✕ - Adverse effect / uncertain ✕✕ Significant adverse effect										Comments (Including reference to secondary, cumulative, synergistic,
<p>in relation to headroom (PE), the register states that the available capacity is not confirmed until environmental and asset assessments are completed. In terms of additional comments in relation to the Callan WWTP, it also states that more stringent Emission Limit Values are required from 2020.</p>											
<p>Material Alteration No.32 Amend Section 9.1 Waste Water Treatment as follows; This renders the overall water supply infrastructure functional but tenuous in respect of future development. There is sufficient pressure in the network at present. The key issue is the maintenance of sufficient head at the water tower and pipe restrictions within the network. <i>While capacity for further development is limited at present, further studies/surveys can be completed over the medium term to confirm the capacity of the sources, in order to determine how much new development can be accommodated; and if investment is needed it shall be in line with the relevant Irish Water policies.</i></p>	O	O	✓	✓	✓	O	O	O	O	<p>This alteration is designed to protect the water environment and will not result in any significant environmental effects. Recommendation: n/a</p>	

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	* - Adverse effect / uncertain	** Significant adverse effect					
<p>Material Alteration No.33</p> <p>Amend Section 9.1 Infrastructure - Development Objectives as follows;</p> <p>‘IN3: It is an objective of Kilkenny County Council to align future development with capacity at the Callan Waste Water Treatment Plant to ensure that <i>any</i> improvements <i>needed</i> are sufficient to meet standards required to avoid significant adverse effects on the River Nore and River Barrow SAC.’</p>	O	O	✓	✓	✓	O	O	O	O	<p>This alteration is designed to protect the water environment and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Material Alteration No.34</p> <p>Insert new objective IN6 in Section 9.1 as follows;</p> <p><i>IN6: To have regard to the suite of Irish Water objectives for development as set out in Appendix 3 in assessing applications for all new developments within this Local Area Plan.</i></p>	O	O	✓	✓	✓	O	O	O	O	<p>This alteration is designed to protect the water environment and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Chapter 9 Infrastructure and Environment</p> <p>Material Alteration No.35</p> <p>Delete the following text of ‘Section 9.2 Flooding’ Flooding is a natural phenomenon and where there</p>	O	O	O	O	O	✓	O	O	O	<p>The alteration outlined here is designed to support the implementation of ‘The Planning System and Flood</p>

Material Alterations	SEA Objective ✓✓ - Significant beneficial effect ✓ - beneficial effect O – neutral ✕ - Adverse effect / uncertain ✕✕ Significant adverse effect										Comments (Including reference to secondary, cumulative, synergistic,
<p>is no risk to human life and property it is beneficial as it provides fertile sediments for farmland, maintains valuable wildlife habitats and reduces flood risk elsewhere in the catchment. The floodplain, the flat or nearly flat land adjacent to a stream or river that experiences occasional or periodic flooding, plays a key role in this process and acts as a temporary store for flood waters and facilitates their conveyance and flood levels downstream. A number of human activities tend to restrict the capacity of rivers to accommodate large storm flows. These include:</p> <p>☐ Greenfield Development: Paving over previously permeable areas for roads, housing, car parks, etc. can significantly restrict the potential infiltration rate of the area covered. This activity might have a minor or negligible impact in large river basins (due to flood peak timing and proportion of area developed), but could substantially increase runoff in small river basins (i.e. by more than 100%).</p> <p>☐ Changes in Land Use or Land Use Practices: Changes in the vegetation cover, the way in which land is used, or measures which impact negatively on natural flood retention areas (wetlands), can have impacts on both interception and infiltration.</p>											<p>Risk Management, Guidelines for Planning authorities 2009' and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
Material Alteration No.36	0	0	0	0	0	✓	0	0	0	The alteration outlined	

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	✗ - Adverse effect / uncertain	✗✗ Significant adverse effect					
<p>Insert the following in Section 9.2</p> <p><i>A Strategic Flood Risk Assessment was carried out as part of this LAP and is attached as Appendix 1 to the Strategic Environmental Assessment. This SFRA was an iterative process, and informed the making of this Plan. Recommendations were outlined in the SFRA and have been incorporated into the text where appropriate.</i></p>										<p>here is designed to support the implementation of 'The Planning System and Flood Risk Management, Guidelines for Planning authorities 2009' and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Material Alteration No.37</p> <p>Amend FDM3 Flooding – Development Management Objectives as follows;</p> <p>FDM3: Where flood risk may be an issue for any proposed development, including pluvial flood risk, a flood risk assessment (<i>including an assessment of drainage infrastructure</i>) shall be carried out that is appropriate to the scale and nature of the development and the risks arising. This shall be undertaken in accordance with the Flood Risk Assessment Guidelines. Proposals for mitigation and management of flood risk will only be considered where avoidance is not possible and where development can be clearly justified with</p>	O	O	O	O	O	✓	O	O	O	<p>The alteration outlined here is designed to support the implementation of 'The Planning System and Flood Risk Management, Guidelines for Planning authorities 2009' and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	× - Adverse effect / uncertain	×× Significant adverse effect					
the Guidelines' Justification Test.										
<p>Material Alteration No.38</p> <p>Insert new objective FDM5 as follows;</p> <p><i>FDM5: A site specific flood risk assessment should be completed for development in areas liable to surface water flooding, as identified in the SFRA.</i></p>	O	O	O	O	O	✓	O	O	O	<p>The alteration outlined here is designed to support the implementation of 'The Planning System and Flood Risk Management, Guidelines for Planning authorities 2009' and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Section 9.4 Transport and Movement</p> <p>Material Alteration No.39</p> <p>Insert new text in paragraph 2 of section 9.4 as follows;</p> <p><i>'Future development with the potential to impact on national roads must be considered in the context of the policy provisions in relation to access to national roads which is set by the Spatial Planning and National Roads Guidelines and as per Section 11.7.3 of the Kilkenny County Development Plan 2014-2020.'</i></p>	O	✓	O	O	O	O	O	O	O	<p>This alteration is designed to refer to the policies outlined in the Spatial Planning and National Roads Guidelines and to improve traffic management and road safety. The alterations will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	* - Adverse effect / uncertain	** Significant adverse effect					
<p>Material Alteration No.40</p> <p>Amend TSDO2 as follows;</p> <p>‘TSDO2: Safety improvements on the National Road at the junction of the N76 and R699 are required to address general safety issues and sight lines in particular <i>in consultation with the TII.</i></p>	O	✓	O	O	O	O	O	O	O	<p>This alteration is designed to refer to the policies outlined in the Spatial Planning and National Roads Guidelines and to improve traffic management and road safety. The alterations will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Material Alteration No.41</p> <p>Amend TSDO3 as follows;</p> <p>‘TSDO3: Improve Pedestrian crossing facilities on the N76 at the R695 and L1020 junctions <i>in consultation with the TII.</i>’</p>	O	✓	O	O	O	O	O	O	O	<p>This alteration is designed to refer to the policies outlined in the Spatial Planning and National Roads Guidelines and to improve traffic management and road safety. The alterations will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Material Alteration No.42</p>	O	✓	O	O	O	O	O	O	O	<p>This alteration is designed to refer to the policies</p>

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	✗ - Adverse effect / uncertain	✗✗ Significant adverse effect					
<p>Insert new objective TSDO10 as follows;</p> <p><i>TSDO10: To require all significant developments to be accompanied by Traffic and Transport Assessments (TTA) and Road Safety Audit (RSA) to be assessed in association with their cumulative impact with neighbouring developments on the road network. Regard should be had to the thresholds advised in the TII Traffic and Transport Assessment Guidelines (2014) and sub threshold TAA requirements for proposals affecting National Roads.</i></p>										<p>outlined in the Spatial Planning and National Roads Guidelines and to improve traffic management and road safety. The alterations will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Chapter 10 Implementation</p> <p>Material Alteration No.43</p> <p>Amend Section 10.6.1 as follows;</p> <p>This masterplan, should be completed by a multidisciplinary team that includes the relevant professionals e.g architect, <i>conservation professional</i> as well as</p> <p>Conservation proposals for protected structures within the Masterplan area should be identified on the basis of condition survey;</p>	0	✓	0	0	0	0	✓	✓	0	<p>This alteration is minor in nature and designed to improve the quality of the outcomes resulting from the masterplan. The alterations will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Material Alteration No.44</p>	0	✓	0	0	0	0	✓	✓	0	<p>This alteration is minor in nature and designed to</p>

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	✗ - Adverse effect / uncertain	✗✗ Significant adverse effect					
<p>Insert new bullet point in Section 10.6.1</p> <ul style="list-style-type: none"> <i>‘To review the protected structures within the Masterplan area, such a review will focus on the absence or continual presence of the building’s special interest. This review will allow an opportunity to assess and evaluate their importance, and their significance to the wider urban context.’</i> 										<p>improve the quality of the outcomes resulting from the masterplan. The alterations will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Material Alteration No.45</p> <p>Add additional bullet point under Section 10.6.2 as follows;</p> <ul style="list-style-type: none"> <i>Consult with key stakeholders including Irish Water to ensure that there is no conflict with nearby above or below ground assets. (it is recommended that a footnote is included to read as follows: The masterplan area is located in close proximity to the following above or below ground assets which belong to Irish Water. They include the wastewater pumping station at Clodeen Lane and Irish Water water mains and sewer pipes. It is</i> 	O	✓	O	O	O	O	✓	✓	O	<p>This alteration is minor in nature and designed to improve the quality of the outcomes resulting from the masterplan. The alterations will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,	
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	* - Adverse effect / uncertain	** Significant adverse effect						
<i>also noted that there is both a wastewater rising main and a watermain crossing the King's River in close proximity to the Clodeen Lane pump station and hence close to the proposed pedestrian and cycle bridge.)</i>											
<p>Material Alteration No.46</p> <p>Amend paragraph 10.6.5 as follows:</p> <p>West Street Clonmel Road / Chapel Lane Infill Area</p> <p>A masterplan approach is required for the area to the rear of Bolton Woods <i>houses fronting onto Chapel Lane. Should a development proposal arise, the purpose of this designation is to prevent incremental development and maintain high standards of residential amenity in the surrounding area.</i> This masterplan will focus on achieving high quality infill residential development. Masterplan proposals must be submitted and agreed with Kilkenny County Council in advance of any applications. The proposed design should:</p> <ul style="list-style-type: none"> <i>identify linkages with development in the surrounding area with particular regard to the need to deliver improved</i> 	O	✓	O	O	O	O	O	O	O	<p>This alteration is minor in nature and designed to improve the quality of the outcomes resulting from the masterplan. The alterations will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>	

Material Alterations	SEA Objective ✓✓ - Significant beneficial effect ✓ - beneficial effect O – neutral ✕ - Adverse effect / uncertain ✕✕ Significant adverse effect										Comments (Including reference to secondary, cumulative, synergistic,
<p><i>pedestrian connections with Chapel Lane and Clonmel Road;</i></p> <ul style="list-style-type: none"> Identify measures to achieve zero or low carbon development, through the integration of renewable energy proposals and energy efficient design; and Maintain high standards of residential amenity of surrounding areas.” 											
<p>Appendix 1: Land Use Zoning Objectives</p> <p>Material Alteration No.47</p> <p>Agriculture</p> <p>Note: Residential uses are subject to the provisions set out in Section 6.1.5: Housing on Lands Zoned for Agriculture. Residential, or caravan park, development within the flood zones (as identified in the Strategic Flood Risk Assessment of this LAP or other superceding document) will not be permissible. Extensions and expansions of existing uses will be considered on their own merits.</p>	0	0	0	0	0	✓	0	0	0	<p>The alteration outlined here is designed to implement the recommendations of the SFRA and support the implementation of ‘The Planning System and Flood Risk Management Guidelines for Planning authorities 2009’. They will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>	

Material Alterations	SEA Objective ✓✓ - Significant beneficial effect ✓ - beneficial effect O – neutral ✕ - Adverse effect / uncertain ✕✕ Significant adverse effect										Comments (Including reference to secondary, cumulative, synergistic,
<p>Material Alteration No.48</p> <p>Insert new text under zoning for “Agriculture”, “Community Facilities”, “Open Space” and “Residential”</p> <p><i>Flood Risk:</i></p> <p><i>All proposed development within this zone which falls within flood zone A or B shall be subject to a site specific flood risk assessment. No highly vulnerable uses (as set out in the Flood Risk Management Guidelines) other than extensions to existing structures and uses, will be permitted within Flood Zone A or B. Less vulnerable uses will also not be allowed within Flood Zone A other than extensions to existing structures and uses as set out in the Flood Risk Management guidelines.</i></p>	O	O	O	O	O	O	O	O	<p>The alterations outlined here are designed to implement the recommendations of the SFRA and support the implementation of ‘The Planning System and Flood Risk Management, Guidelines for Planning authorities 2009’. They will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>		
<p>Appendix 1: Land Use Zoning Objectives</p> <p>Delete the following;</p> <p>Special Area of Conservation (SAC) Green Links/ Biodiversity/Conservation</p> <p>Objective: To reserve riverfront within the SAC for green links / biodiversity /conservation purposes</p>									<p>The special area of conservation has been mapped as a development objective as opposed to a zoning objective. This alteration is minor in nature will not result in</p>		

Material Alterations	SEA Objective									Comments (Including reference to secondary, cumulative, synergistic,
	✓✓ - Significant beneficial effect	✓ - beneficial effect	O – neutral	✗ - Adverse effect / uncertain	✗✗ Significant adverse effect					
<p>and to accommodate limited links across the river</p> <p>Permissible Uses: Biodiversity projects and works associated with the conservation and management of the River Nore/River Barrow Special Area of Conservation</p>										<p>any significant environmental effects.</p> <p>Recommendation: n/a</p>
<p>Material Alteration No.50</p> <p>Insert new Appendix 3 to LAP to include suite of appropriate Objectives/Policies for Water Services as recommended by Irish Water (see attached). See Appendix 2 below</p>	O	O	✓	✓	✓	O	O	O	O	<p>This alteration is designed to protect the water environment and will not result in any significant environmental effects.</p> <p>Recommendation: n/a</p>

2.1.1 Mitigation Measures

Mitigation has been incorporated into Callan LAP 2019 – 2025 in the form of Development Management Objectives. The mitigation measures proposed in the Natura Impact Report for the LAP focus on the protection of the water quality of the river as deterioration in the quality or changes in chemistry has the potential to adversely affect features of interest of both the River Barrow and River Nore SAC and River Nore SPA. The mitigation measures for the proposed material alterations are the same as those proposed for the LAP.

It must also be noted that the assessment made at plan level does not exempt projects or plans arising from the plan from the assessment requirements of Article 6(3) at a later stage, when much more details about them are known. In other words projects or plans that result from the strategies and objectives of Callan LAP 2019 – 2025 are also required to undergo Article 6 assessment before they can be permitted or proceed.

The mitigation measures proposed in the NIR for the LAP can be broadly summarised as follows:

- Identified vacant sites will be developed or redeveloped in a manner that is sensitive to the natural and built heritage of Callan LAP area.
- Wastewater, surface water drainage and drinking water infrastructure must be in place prior to development.
- Measures to protect the environment will be incorporated into projects or plans to avoid adverse effects to the integrity of Natura 2000 sites.

These will include, but will not limited to, measures such as those set out in:

- Guidelines on Protection of Fisheries During Construction Works In and Adjacent to Waters (IFI, 2016) and
- Environmental Good Practice on Site Guide (CIRIA, 2015)

Kilkenny County Council will be responsible for ensuring that the mitigation measures proposed are implemented and that the measures are implemented for the lifetime of Callan LAP 2019 – 2025. Kilkenny County Council will also be responsible for ensuring that projects or plans that result from the strategies and objectives of Callan LAP 2019 – 2025 are also required to undergo Article 6 assessment before they can be permitted or proceed.

3.0 Conclusion

This document comprises the SEA of the proposed Material Alterations to the Draft Callan Local Area Plan 2019 (the Draft LAP) and comprises an 'Addendum to the Environmental Report of the Draft Callan Local Area Plan 2019' and should be read in conjunction with the Environmental Report as well as the Draft LAP, the Stage 2 AA Natura Impact Report (NIR), the Addendum to the NIR and the proposed Material Alterations.

Taking into account the measures which have been already integrated into the Draft Plan which provide for and contribute towards environmental protection, environmental management and sustainable development, it is determined that all potential effects arising from the proposed Material Alterations either are present already and will not change or will be mitigated so as not to be significant; none of the Material Alterations had a probable conflict with the status of any of the SEOs, where it was unlikely that the proposed Material Alterations could be mitigated to an acceptable level.

The proposed amendments contained within the document entitled 'Proposed Material Alterations to the Draft Callan Local Area Plan 2019', along with this Strategic Environmental Assessment and the Appropriate Assessment of the proposed Material Alterations shall be made available for public consultation during a further 4 week period.

APPENDIX 01

Addendum to the Environmental Report

This section should be read in conjunction with the Environmental Report on the Draft Plan. Proposed deletions are shown in strikethrough text. Proposed additions are shown as red italic text.

The following amendments to Section 5.1.2 of the Draft Strategic Environmental Assessment is proposed. ~~Reduction in water quality (this will depend on the provision of additional waste water treatment facilities);~~ *Irish Water has advised that the available capacity of the Callan WWTP to cater for future development is currently under review and subject to environmental asset surveys.*

APPENDIX 02

Menu of appropriate Objectives/Policies for Water Services in development plans

Menu of appropriate Objectives/Policies for Water Services in development plans

General Policies in relation to Water Services

- a) To work closely with Irish Water to identify and facilitate the timely delivery of the water services required to realize the development objectives of this plan;
- b) When identifying areas for development, to ensure that full consideration is given to the level of investment that will be required in the provision of water services – particularly in environmentally sensitive areas - to ensure that the provision of water services does not negatively impact on habitat quality, species diversity or other environmental considerations
- c) To facilitate the provision of integrated and sustainable water services through effective consultation with Irish Water on the layout and design of water services in relation to the selection and planning of development areas and the preparation of master plans and SDZs;
- d) To maximise the use of existing capacity in water services in the planning of new development;
- e) To ensure that adequate water services will be available to service development prior to the granting of planning permission for those developments and to require developers to consult Irish Water regarding available capacity, prior to applying for planning permission;
- f) To protect existing way leaves and buffer zones around public water services infrastructure through appropriate zoning and to facilitate the provision of appropriate sites for required water services infrastructure as necessary;
- g) To ensure that development proposals comply with the standards and requirements of Irish Water in relation to water and wastewater infrastructure to facilitate the proposed developments

Water Supply

- h) To protect both ground and surface water resources and to work with Irish Water to develop and implement Water Safety Plans to protect sources of public water supply and their contributing catchment;
- i) To minimise wastage of water supply by requiring new developments to incorporate water conservation measures;
- j) To promote water conservation and demand management measures among all water users;

Wastewater Services

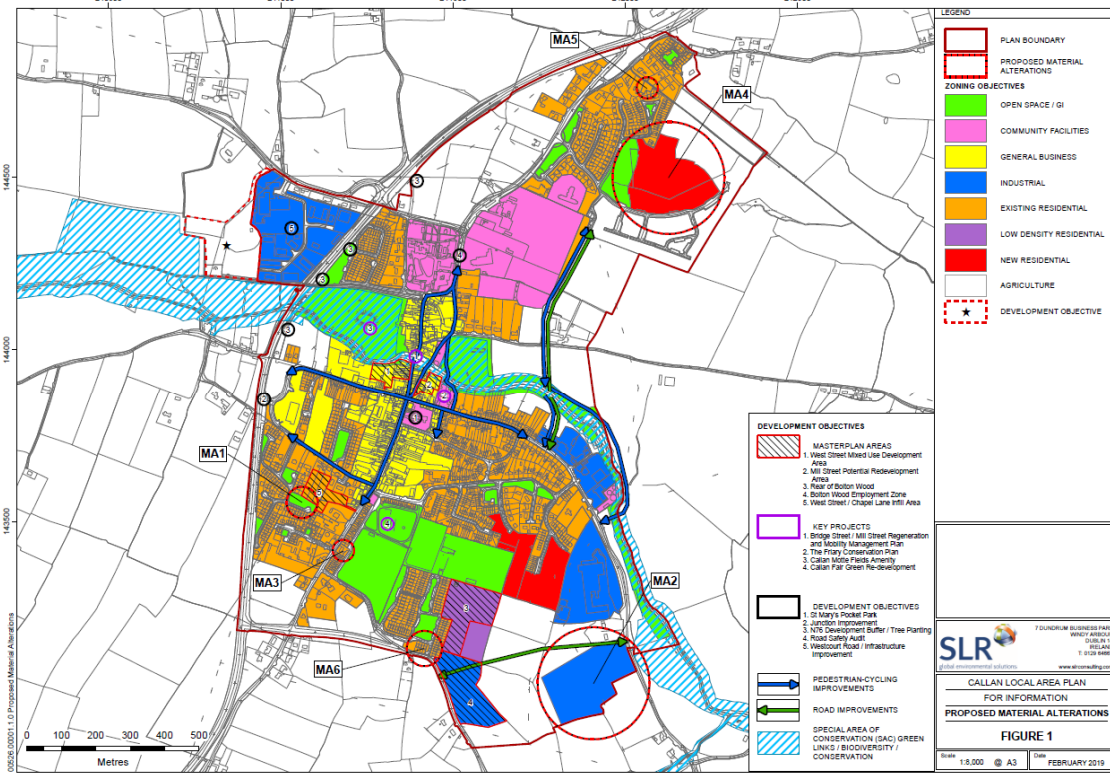
- k) To ensure that the Local Authority provides adequate storm water infrastructure in order to accommodate the planned levels of growth within the plan area and to ensure that appropriate flood management measures are implemented to protect property and infrastructure;

-
- l) To require all new development to provide a separate foul and surface water drainage system and to incorporate sustainable urban drainage systems;
 - m) To prohibit the discharge of additional surface water to combined (foul and surface water) sewers in order to maximise the capacity of existing collection systems;
 - n) To support Irish Water in the promotion of effective management of trade discharges to sewers in order to maximise the capacity of existing sewer networks and minimise detrimental impacts on sewage treatment works;
 - o) To refuse residential development that requires the provision of private waste water treatment facilities, other than single house systems;
 - p) To ensure the changeover from septic tanks to collection networks in all cases where this is feasible (subject to connection agreements with Irish Water) and that all new developments utilise and connect to the public wastewater infrastructure. The provision of individual septic tanks and treatment plants in the plan area will be strongly discouraged to minimise the risk of groundwater pollution. Where such facilities are permitted, full compliance with the prevailing regulations and standards, including the EPA's Code of Practice Wastewater Treatment and Disposal Systems Serving Single Houses (PE. ≤ 10) (EPA 2009), as may be amended, will be required;
 - q) To ensure that private wastewater treatment plants, where permitted, are operated in compliance with their wastewater discharge license, in order to protect water quality;
 - r) To require existing developments that are in close proximity to a public sewer to connect to that sewer, subject to a connection agreement with Irish Water;

APPENDIX 03

Material Alterations to the Draft LAP Zoning Objective Map

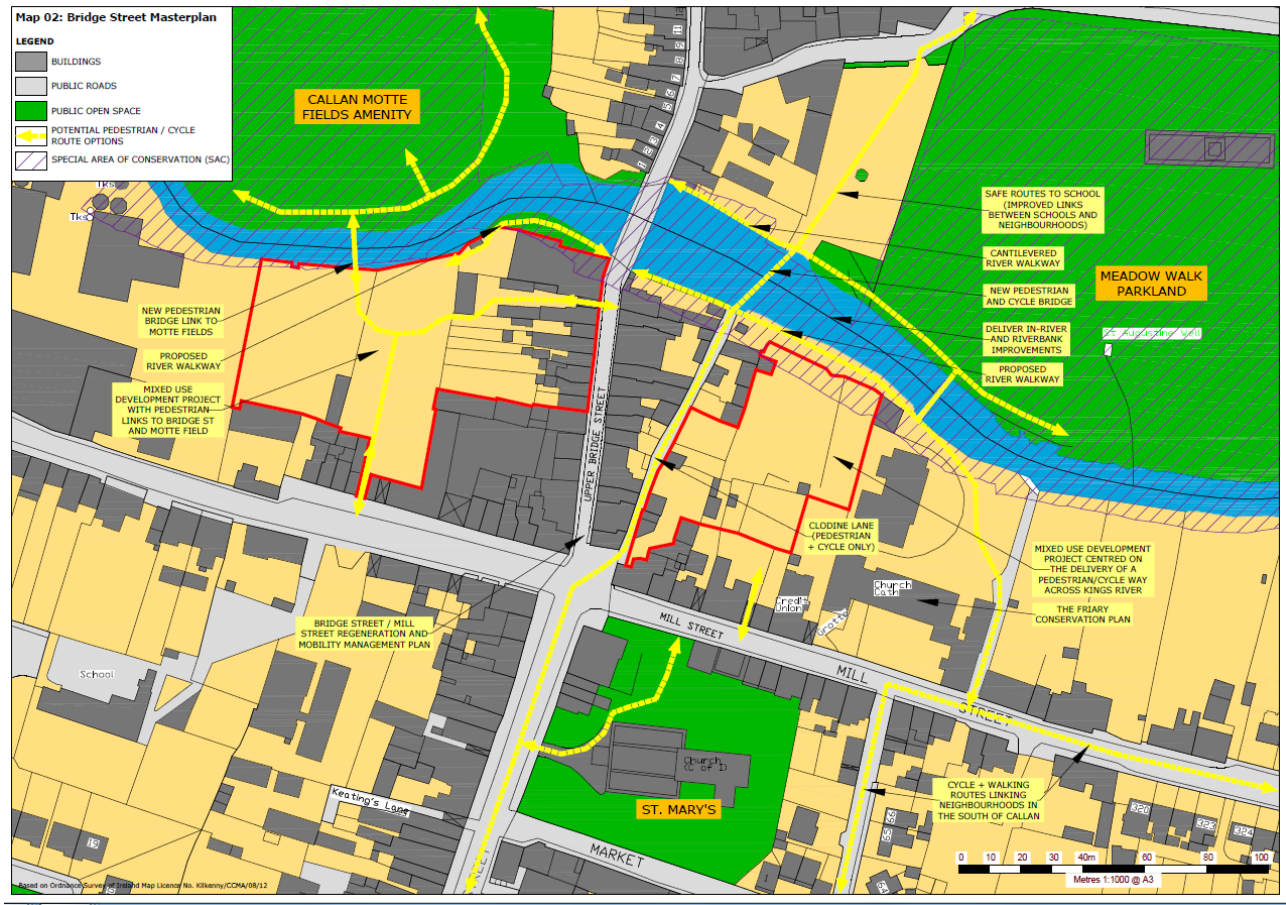
Material Alterations to the Zoning Map of the Draft Plan



APPENDIX 04

Material Alterations to the Bridge Street Masterplan

Material Alterations to the Bridge Street Masterplan (MA7: Blue markers indicating RPS removed)



Appendix 05: Determination of Need for SEA

TO: SEAN MCKEOWN, DIRECTOR OF SERVICES
FROM: DENIS MALONE, SENIOR PLANNER
SUBJECT: DETERMINATION OF THE NEED FOR STRATEGIC ENVIRONMENTAL ASSESSMENT
OF MATERIAL ALTERATIONS TO DRAFT CALLAN LOCAL AREA PLAN

I refer to the requirement under article 14A(2) of the Planning and Development Regulations (Strategic Environmental Assessment) 2004 in relation to considering whether or not implementation of a Local Area Plan would be likely to have significant effects on the environment.


At the meeting of Kilkenny County Council on the 21st January 2019, and in accordance with Section 20(d) of the Planning and Development Act 2000 (as amended), the Members considered the Draft Local Area Plan and the Chief Executive's Report on submissions, and decided to amend the Draft Local Area Plan.

As required by Section 20(f) of the Planning and Development Act 2000 (as amended), a determination shall be made if a Strategic Environmental Assessment or Appropriate Assessment or both such assessments, as the case may be, is or are required to be carried out as respects one or more than one proposed Material Alteration of the Draft Local Area Plan.

An Appropriate Assessment Screening Report was compiled which found that the material alterations required a Stage 2 Appropriate Assessment. It is recommended by environmental authorities that SEA should be undertaken where Stage 2 AA is being undertaken, therefore in line with best practice, I recommend we carry out a Strategic Environmental Assessment of the Proposed Material Alterations.

Recommendation

I therefore recommend that a Strategic Environmental Assessment is **required** for the Material Alterations to the Draft Local Area Plan.


Denis Malone,
Senior Planner

Date: 30/Jan 2019

It is considered having regard to the nature of the amendments and the AA and screening documents for the Draft Local Area Plan that the required AA and SEA screening can be completed by 6th Feb 2019.

DM 30/1/2019

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