

# **East of Harry Stoke New Neighbourhood Development Framework SPD**

## **Sustainability Appraisal**

**Pre-Adoption Draft for Consultation**

**June 2014**



## **Non-Technical Summary**

South Gloucestershire Council has allocated a major new neighbourhood on land East of Harry Stoke in its South Gloucestershire Local Plan: Core Strategy (Adopted December 2013). In order to provide further guidance to amplify the policies contained in the Core Strategy South Gloucestershire Council has produced a Supplementary Planning Document (SPD) for land East of Harry Stoke. It is the Council's intention to adopt the SPD, which will form part of a suite of planning documents that make up the Council's Local Development Framework (LDF).

Sustainability Appraisal (SA) is an integral part of good plan making and should not be seen as a separate activity. Its purpose is to promote sustainable development by integrating sustainability considerations into plans. SA involves evaluating the impacts on economic, social and environmental objectives - the three dimensions of sustainable development. The SA process incorporates the requirements of a European law on the environmental assessment of plans (known as the Strategic Environmental Assessment Directive).

The higher level policy CS27 sets out the principle of development and the allocation of East of Harry Stoke and was subject to SA during the drafting and adoption processes for the Core Strategy. This SA does not repeat that process, but builds on its conclusions. By testing the benefits of the SPD through SA it has been possible to identify and assess any likely significant effects that may arise from not having the SPD, and demonstrate where opportunities occur for improving the social, environmental and economic conditions through SPD.

The East of Harry Stoke New Neighbourhood Development Framework SPD is the planning document that will set out the key infrastructure requirements for the area that are needed to deliver a sustainable new neighbourhood up to 2027. A key purpose of the document is to provide the more detailed development objectives for the area, to identify the type, quantity, and timing of infrastructure, and illustrate one option for how it will be delivered.

## **Structure of the SA Report**

This SA Report is split into three broad parts:

1. Section 1 introduces the SPD and SA process and explains what sustainable development means in practice.
2. Sections 2, 3 and 4 explain the process that has led to the identification of key issues the main findings of the appraisal, and
3. The detailed Appendices set out what the main findings of the appraisal are and how these findings have been arrived at.

## **Findings of the Appraisal**

The SA has considered a number of ways to enhance the SPD. The summarised key conclusions are:

1. The SPD is beneficial in that it provides greater depth of detail and amplifies the policy, potentially improving the Sustainability outcomes of development
2. There is potential to strengthen the vision, to create a better link to CS policies on the Bristol N Fringe, but without creating repetition
3. There is potential to strengthen objectives in line with SA objectives, to improve linkage between objectives, but without creating repetition

## **1.0 Introduction**

South Gloucestershire Council has allocated a major new neighbourhood on land at East of Harry Stoke in its Core Strategy. In order to facilitate and guide emerging development proposals South Gloucestershire Council has produced a Supplementary Planning Document (SPD) for this allocation. The East of Harry Stoke New Neighbourhood SPD will support and amplify policy CS27 contained within the South Gloucestershire Core Strategy and will become a Council adopted document forming part of a suite of planning documents that make up the Council's Local Development Framework (LDF). The SPD will set out an indicative framework for how the development of the new neighbourhoods should be brought forward.

The SPD will be a material consideration as part of decision-making on relevant planning applications. Therefore, it is necessary to consider the contribution that implementing the SPD will make towards the delivery of sustainable development. The approach taken in this case is to ensure that there is a thorough investigation of the sustainability implications of implementing the SPD through a Sustainability Appraisal process, whilst ensuring the scale and nature of the appraisal is in keeping with the role and function of the SPD.

### **Strategic Environmental Assessment**

Under the requirements of European Directive 2001/42/EC (known as the 'SEA Directive') local authorities are required to carry out, in almost all cases, a Strategic Environmental Assessment (SEA) of their Local Development Documents. The purpose of SEA is to consider issues such as biodiversity, population, human health, fauna, flora, soil, water, air, climatic factors, material assets, cultural heritage including architectural and archaeological heritage and landscape, and to determine how the Council's policies and proposals could influence each of these.

By considering these issues in detail, SEA seeks to ensure that environmental considerations are fully integrated in the preparation and adoption of plans and programmes which are likely to have a significant effect on the environment.

### **Sustainability Appraisal**

Whilst SEA focuses on environmental issues, Sustainability Appraisal (SA) widens the approach to include social and economic issues. The purpose of SA is to ensure that the principles of sustainable development are taken fully into account when preparing Local Development Documents. The SA process has been designed so that, in carrying out one appraisal process, local authorities can also satisfy the requirements of the SEA Directive. Therefore, it should be taken that where this report refers to the SA process it also incorporates the requirements of the SEA Directive.

Sustainability Appraisal is a tool used to inform the decision making process and ensure that sustainability considerations are taken fully into account. The requirement that formally existed under s. 19(5)(a) Planning and Compulsory Purchase Act 2004 to produce an SA for SPD documents was amended by s.180 (5)(d) Planning Act 2008 with effect from 9 April 2009, so that it is no longer mandatory to produce a Sustainability Appraisal in support of SPD. The Town and Country Planning (Local Planning) (England) Regulations 2012 (which have superseded the 2004 and 2009 regulations) do not require a Sustainability Appraisal Report to be conducted for SPDs.

However, the Council has given consideration to the fact that SPD is an 'area-based' document that will provide guidance for the determination of future planning applications, and may give rise to significant environmental effects. Therefore, in keeping with good practice and requirements for Strategic Environmental Assessment (SEA) of certain plans and programmes (European Directive EC/2001/42), the Council considers it appropriate to undertake Sustainability Appraisal for the SPD and to demonstrate how options and choices have been considered during the SPD's preparation. The appraisal approach is, based on the particular needs and characteristics of the East of Harry Stoke area and the purpose of the SPD.

SA provides a mechanism for considering issues in a structured way. SA does not give right or wrong answers, it is 'objectives' led ie. the SPD is judged against a series of sustainability objectives which reflect the priorities for sustainable development in South Gloucestershire.

### **Defining significance of effects**

The SEA Directive requires that it is the likely significant effects of documents that are appraised. In order to determine whether the effect of a policy or proposal is significant or not, a number of issues have been taken into account as detailed in the SEA Regulations:

- Whether the effect is likely to be permanent or temporary.
- The likelihood of the effect occurring.
- The scale of the effect (e.g. whether it will affect one location or a wide area).
- Whether it will combine with the effects of other policies and proposals to generate a cumulative effect greater than the effect of each individual policy or proposal.
- Whether there are policies elsewhere at the regional or national level that will help to mitigate adverse effects occurring or support

positive effects.

- The current status and trends in the environmental, social and economic baseline or characteristics of the area affected.
- Whether it is likely to affect particularly sensitive locations (e.g. landscapes, communities, habitats, historic buildings, particularly those that are designated at the international or national level) or mean that thresholds might be breached (e.g. air quality standards).

This report builds upon the previous stages of Sustainability Appraisal carried out by the Council in preparing its Core Strategy. The Sustainability Appraisal produced for the Core Strategy appraised a series of locational options for the development of land within the Bristol north fringe. The preferred option identified land at East of Harry Stoke, broadly bounded by the M4 to the north, the M32 to the east, the communities of Stoke Gifford and Harry Stoke to the west and the A4174 to the south as capable of being developed and identified potential issues arising from development and potential opportunities and mitigation options to offset the impacts of development. Key diagram 7 within the Core Strategy identifies the boundary of the SPD area.

The relevant documents are:-

- Local Development Framework Scoping Report 2008;
- Initial SA Report 2008 – to accompany the Core Strategy Issues & Options document;
- Draft SA Report of the Pre-Submission Publication Draft Core Strategy March 2010;
- SA Report to support the Submission Core Strategy, March 2010 with December 2010 updates;
- December 2011 SA Report to Support the December 2011 Core Strategy incorporating Post-Submission Changes.
- October 2012 Sustainability Appraisal Report regarding the Inspector's Preliminary Findings and Main Modifications
- March 2013 Sustainability Appraisal report on Further Main Modifications

Sustainability Appraisal/Strategic Environmental Assessment Adoption Statement (December 2013)

These documents are available on the Council's website at [www.southglos.gov.uk/corestrategy](http://www.southglos.gov.uk/corestrategy). They set out the requirements for Sustainability Appraisal and demonstrate how the allocation of the new neighbourhood on land at East of Harry Stoke within the Core Strategy has been informed by SA objectives throughout its production. It is important to note that this SA Report does not repeat any appraisals undertaken in those SA Reports previously published as part of the Core Strategy's production. This SA Report specifically appraises issues in the East of Harry Stoke Development Framework SPD. This SA Report to be read in conjunction with the 2008 SA Scoping Report that supports the SPD.

### **Sustainability issues**

The SPD addresses a number of key strategic issues for the development of the East of Harry Stoke New Neighbourhood that have been derived from the existing and updated Core Strategy baseline data, and the sequence of public consultation events described in the Statement of Community Involvement. These comprise:

- The delivery of infrastructure to support the whole development, not just elements of it
- Transport and movement & the impacts of traffic emissions on development & the wider community
- Community cohesion including integration with surrounding communities and adequate provision of services and facilities
- Impact of the development on the European Protected Great Crested Newt population and other ecology
- Open space provision, particularly sports pitch provision & the impact of the loss of open space on the community
- The wider impacts of development on flood risk
- The potential for development to be sustainable in terms of its construction, and sources of heat and power

### **SPD objectives**

The East of Harry Stoke New Neighbourhood is an exciting development opportunity of strategic importance for South Gloucestershire. The principle role of the SPD is to amplify policy CS27 of the Core Strategy and aid infrastructure delivery, setting out in detail the need, timing, and where appropriate, location of infrastructure requirements that will make the East of Harry Stoke new neighbourhood a vibrant and attractive place to live, work and visit. The SPD brings forward the key principles and requirements set out in the Council's Core Strategy, and seeks to proactively guide infrastructure and development in the most sustainable way. It sets out guiding principles for the themes above, and sets out a framework in terms of requirements and timing of infrastructure delivery. Finally the document incorporates an illustrative Framework Diagram that indicates one option for the location of infrastructure, and illustrates the key development objectives set out in the SPD.

## Appraisal Methodology

South Gloucestershire's Scoping Report (available separately) acts as the Scoping Report for all Development Plan Documents and Supplementary Planning Documents being produced by the Council. One of the main outcomes of the Scoping Report stage is the development of the Sustainability Appraisal Framework. This is a set of SA Objectives that are linked to targets, the achievement of which can be measured by specified indicators.

Having established (through the SA for the Policy CS27) the allocation of the site through the Core Strategy and the site specific policy, for the purposes of complying with the SEA Directive, the reasonable alternative now being tested is SPD or no SPD. This reasonable alternative has been chosen because it provides the best opportunity to compare the sustainability impacts of having an adopted SPD in place over having no SPD in place. The SA therefore considers the benefits that the SPD provides over and above those that would be anticipated if the only development management tool was the site specific policy CS27.

For the purposes of complying with the SEA Directive the reasonable alternative of not preparing the SPD is considered. In such a scenario the site would still be covered by the South Gloucestershire Council's development plan policy framework. This reasonable alternative has been chosen because it provides the best opportunity to compare the sustainability effects of the SPD against the scenario of having no SPD. The SA considers the benefits that the SPD provides over and above those that would be anticipated in the absence of the SPD. The SPD does not put forward specific locations for land uses or for delivery of infrastructure, as its purpose is to provide a flexible framework of planning guidance within which development proposals may be brought forward.

The sections of the SPD were appraised individually. Alternative approaches were to appraise the SPD as a whole, or to appraise individual policy/ principle statements. The former was not considered appropriate because of the size and scope of the document and the latter was not considered appropriate because of the way the document is structured. Appraising sections strikes the right balance between achieving a robust appraisal whilst not getting lost in detail.

In the Council's methodology for sustainability appraisals, the prediction and evaluation of effects is based on a qualitative seven point scale. This assessment has adopted the scale (set out below) to assess the significance of effects of the SPD proposals.

### Assessment Scale Significance of Effect/Appraisal Category

- ++ Major positive
- + Minor positive
- 0 Neutral or not significant

- Minor negative
- Major negative
- /+ Range of positive and negative effects

Moderately and strongly positive and negative effects have been considered of significance whereas neutral and slightly positive and negative effects have been considered non-significant.

### **Difficulties encountered during the appraisal process**

This is a strategic housing allocation so the main difficulty encountered throughout the appraisal work has been the strategic nature of the SPD. Therefore appraisal of the SPD is correspondingly strategic. This is a desk-based exercise that has drawn on relevant evidence and the public consultation outcomes. For the majority of the objectives presented, the impacts on sustainability will depend on the detail of future development proposals and on the implementation of policy through the development management process.

Additional difficulties relate to the nature of the document, which aims to bridge the gap between the spatial policy of the Core Strategy and more detailed masterplanning work to be undertaken by developers. It was therefore difficult to gauge the level of additional detail the revised SPD should go into. National legislation relating to the role and scope of SPDs has also recently changed, and this raised an additional difficulty in considering whether any clarification or additional aspiration may be considered as creating new policy (which would fall outside the scope of an SPD) or simply amplified it (which would fall within the scope of an SPD). Finally, as before, it has also been difficult striking an appropriate balance between the presentation of information through text in the SPD and through the Framework Diagram.

## 2.0 Summary of Consultation

The SPD process has been subject to public consultation and the consultation responses have formed part of the iterative process of preparing the SA in accordance with the requirements of the Environmental Assessment of Plans and Programmes Regulations 2004 and the Strategic Environmental Assessment Directive. In the preparation of the Core Strategy and SPD the outcomes of stakeholder workshops, public exhibitions and consultation events were considered. In summary the key events comprised:

Date	Event
December 2009	North Fringe of Bristol key stakeholder workshop (held at UWE) establishing broad opportunities and principles for location of development at "North Fringe West" (covering the Cribbs/Patchway area) and "North Fringe South" (covering the East of Harry Stoke area).
November 2011	Cribbs/Patchway & East of Harry Stoke key stakeholder workshops to consider further development options and principles
October 2012	East of Harry Stoke key stakeholder workshop themed around establishing key site based sustainability and design principles
November 2012	North Fringe key stakeholder workshop to consider existing and potential provision of community infrastructure, attended by the main commissioners, providers, managers and of community

	infrastructure
November 2012/January 2013	Informal 6 week public consultation on draft version of the draft East of Harry Stoke New Neighbourhood Framework SPD

Topic	Summary of Issue Raised	Response
Architecture and Local Distinctiveness	<p>The area needs to have its own sense of community identity and distinctive architectural character that also promotes integration with the existing communities. There is potential to build on local history, without looking backwards. We need to create 'people' places. The architecture needs to be a mix of styles to bring local areas of character within an overall master planning framework across the site. There can be a mix of more traditional and modern. Any 'landmark' buildings should be reserved for key locations such as the local centre.</p> <p>Buildings to be energy efficient</p>	<p>The SPD set out the Council's vision for the development East of Harry Stoke in which it encourages developers to take a fresh and innovative approach to development to enhance this urban edge of north east Bristol. The development is expected to deliver good urban design through</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> A strong new landscape and movement framework for the area</li> <li><input type="checkbox"/> A lively and well integrated community with its own sense of identity.</li> <li><input type="checkbox"/> Good physical connections with the surrounding area</li> <li><input type="checkbox"/> Distinctive and high quality public realm</li> <li><input type="checkbox"/> Innovative architecture that creates an idiosyncratic sense of place</li> </ul>

		<p><input type="checkbox"/> Healthy and happy living</p> <p>Throughout the SPD document, the Council emphasises the need for an integrated approach to the design of the site to create a high quality development with a strong sense of place and identity. The SPD document emphasises the need for a 'layered' approach which sees landscape, access and movement, community facilities and the design of the built environment to be integrated into a cohesive design package</p>
<p>Transport</p>	<p>The access and movement framework needs to create a highly integrated development that promotes pedestrian and cycling and use of public transport from the start.</p> <p>The links need to get people to key destinations such as the Bristol Parkway and Filton Abbeywood Stations, centre of Bristol, and to the health, employment, retail and leisure facilities in the north fringe.</p> <p>The movement and access framework also needs to address the barriers to movement that exist, such as the railway, lack of legibility for walking and cycling, access to good public transport.</p> <p>The severance between the north and south of the site caused by the railway and the east west severance caused by the proposed Stoke Gifford Transport link need to be addressed, and where necessary facilities provided in both parts to compensate for any loss of 'community heart'.</p>	<p>The SPD contains a section on access and movement matters which, together with the key diagram set out the Council's requirements for the development of a comprehensive approach to transport provision, with emphasis on creating a walkable neighbourhood and integrated transport network that promotes sustainable transport links to key destinations. The document sets out individual access and movement development principles that specifically address the concerns raised during the stakeholder workshops regarding integration and connectivity of the site to its surroundings and approaches to breaking down the barriers created by the railway and roads.</p>

<p>Landscape &amp; ecology</p>	<p>The development needs a strong landscape framework to give the area a clear identity, to provide a green entrance to Bristol and a buffer to the motorways, and also to protect the long distance views into the site.</p> <p>The green infrastructure should provide a single large area of public open space rather than lots of incidental spaces.</p> <p>There needs to be easy access to the countryside.</p> <p>Protect the Hambrook corridor.</p> <p>Address the visual impact and land sterilization caused by the pylons</p> <p>Make appropriate provision for the ecology and particularly the newts</p>	<p>The SPD contains a section on landscape matters that, together with the key diagram set out the Council's requirements for the development of a comprehensive landscape and ecological framework across the site linking to the wider Strategic Green Infrastructure network. The document sets out individual development principles that specifically address the landscape and ecology concerns raised during the stakeholder workshop</p>
<p>Community Facilities</p>	<p>The development needs to provide appropriate community facilities to meet the needs of the development without threatening existing provision.</p> <p>The community centre needs to bring together as many uses as possible in a single mixed use area and preferably be located in a visible place on the Stoke Gifford Transport link.</p> <p>The community centre and public realm needs to be as democratic as possible to allow the greatest flexibility to all users.</p>	<p>The SPD contains a section on Community Infrastructure in which the Council sets out its requirements for the provision of strong, vibrant and cohesive communities that are able to meet the diverse needs of all future residents.</p> <p>The Council expects developers to maximise personal and community wellbeing and to create equal opportunities for all residents of the new neighbourhood. The document sets out the range of community services and facilities that the Council requires the developer to provide across the site and identifies the provision of a</p>

		multi use centre as a specific design principle
Comprehensive Development	<p>The site needs to be delivered comprehensively and phased appropriately. We want to avoid the housing being provided without the supporting infrastructure.</p> <p>The development needs to take an 'up front' approach to provision of infrastructure.</p>	<p>The Council addresses the issue of comprehensive design and delivery of the site in the SPD by requiring an integrated approach to be taken by development partners. The Council expects developers to collaborate in providing an integrated master plan so that individual applications may demonstrate that individual parcels of land conform to the overall vision and design objectives and to enter into a legally binding agreement that ensures the timely provision of land and financial support for all services, facilities and infrastructure required by the development and that costs are equitably shared between all landowners with an interest in the site.</p>

#### Results of Formal Consultation on the SPD documents Nov 2012 – Jan 2013

The draft East of Harry Stoke New Neighbourhood SPD was the subject of an informal six week period of public consultation between November 2012 and January 2013.

Topic	Summary of Issue Raised	Response
Green Belt	Removal of green belt	Green Belt Review has confirmed that an appropriate level of land for development is being released from the inner Green Belt area to provide sustainable locations for development.
Housing numbers	Acknowledge need for Gypsy & Traveller provision,	Gypsy and Traveller provision is an appropriate part for a mixed and balanced

	<p>suggest G&amp;T provision placed elsewhere</p> <p>Objection in principle to 2000 houses on EoHS</p> <p>Acknowledge people need somewhere to live, but development too large</p>	<p>community. The Council has a requirement to provide accommodation. This will be developed in consultation with the developer partners and the Gypsy and Traveller community</p> <p>The principle of the development has been established through the Core Strategy Allocation. The Core Strategy has been assessed for soundness by an Independent Planning Inspector</p> <p>The Strategic Housing Market Assessment has established the housing need and SGC must respond by providing sustainably located site</p>
<p>Transport</p>	<p>Transport Infrastructure not suitable Response time for emergency vehicles is dreadful because of congestion</p> <p>Transport modal shift not credible</p> <p>Why is Hambrook Lane being used for access</p> <p>SGTL will not change level of traffic in Stoke Gifford Village or using Hambrook Lane</p>	<p>The Council has undertaken a Transport Assessment across the North Fringe to assess the cumulative impacts of development of the allocation of the strategic sites. This has been examined by an Independent Planning Inspector. Further more detailed transport assessments will take place in support of planning applications</p> <p>The development of the Stoke Gifford Transport Link will help to relieve local congestion. Further measures for public transport improvements and walking and cycling provision as part of the allocation will provide choice in transport modes</p> <p>Hambrook Lane may be used to access the site and to provide a level of integration between the new and existing communities. The impact of proposed access points will be assessed</p>

		<p>as part of any planning application. However, the principle point of access will be the Stoke Gifford Transport Link</p>
<p>Landscape and Ecology</p>	<p>Loss of wildlife</p> <p>Loss of countryside &amp; green space</p> <p>Lack of other green space in area</p> <p>Flooding at Brierley Furlong</p> <p>ecological survey did not include garden ponds (Great Crested newts)</p> <p>habitat for Great Crested Newts restricted by development removes access to green space within walking distance for local residents.</p>	<p>The land is in use for agricultural purposes and the on site ecology is mainly found within the Hambrook corridor, ponds and the hedgerows. The population of Great Crested Newts is protected by European Legislation and Natural England are Statutory Consultees and will be engaged in discussions on any measures proposed to mitigate the impact of development on the population of Great Crested Newts.</p> <p>There is a shortfall of all forms of open space in the area. Planning policy requires provision of all forms of open space to meet the needs of the new neighbourhood. This will result in areas of recreational, play and sports provision that do not currently exist, as the majority of the land is in use for agricultural purposes. The footpath network will be retained.</p>
<p>Community Facilities</p>	<p>No local services to support (eg shops, schools)</p>	<p>A range of community facilities including education, health, retail, community and library facilities is proposed in the new neighbourhood. The development is required to meet the needs of the new residents</p>

Employment	No employment for new residents planned– want to see evidence that suggested employment will be in place for new resident	<p>The Cribbspatchway new neighbourhood is providing a significant number of new jobs. The three Local Enterprise areas are looking to provide a range of employment and a significant increase in job numbers up to 2027</p> <p>The housing will also provide opportunities for longer distance commuters to live closer to where they work</p>
Environmental Health	Overdevelopment of area causing impacts on air quality Already significant noise from motorway, railway and other road traffic. Development will increase this	<p>The air quality is currently monitored. Development will be required to demonstrate that it is designed to minimise impacts on air quality</p> <p>The noise deriving from the strategic road networks will require to be mitigated as part of any planning application</p>
Utilities	<p>Clarify energy proposals</p> <p>Clarify safety data for houses under pylons</p> <p>Western Power Distribution request to discuss presence of a number of power lines of varying voltage across site</p> <p>Existing sewerage system is currently inadequate</p> <p>Is the power network adequate to supply all the new houses and employment?</p> <p>Building in proximity to pylons is not safe</p>	<p>The Council has not received any communication from utilities companies expressing concern about the development. The existing network is capable of providing utilities to serve the new neighbourhood. The Council has policies requiring the use of renewable energy to be considered as part of development proposals</p> <p>Development in proximity to any utility such as the high voltage power lines or the high pressure gas main will require advice from the Health and Safety executive in respect of building off setting.</p> <p>The Council proposes that the pylons and power cables are relocated to the edge</p>

		of development
Consultation	Lack of consultation and information	The Council has taken this proposal through several stages of planning and each stage has been in compliance with the Planning Regulations. The Council's consultation processes have been the subject of independent scrutiny by a Planning Inspector.

The Council took into account all representations made during the Stakeholder workshops and Consultation periods and amended the SPD and SA documents accordingly.

### 3.0 Update to baseline data

The production of the pre-Adoption SPD has been based on the evidence base produced for the Core Strategy Examination-in-Public and consultation received to the 2012 informal SPD. There have been no further detailed technical studies undertaken to date, although some further strategic transport modelling is planned.

### 4.0 Findings of the Appraisal

#### SA objectives

The Council's 2008 SA Scoping Report sets out the SA objectives that are used to appraise effects of planning documents. The Core Strategy documents identified in Section 1 of this report demonstrate how the allocation of the new neighbourhood on land at East of Harry Stoke within the Core Strategy has been informed by SA objectives. These objectives consist of six high level objectives, each divided into a number of sub-objectives.

The matrices set out in Appendix 1 show detailed appraisals of each section of the SPD. They compare the revised SPD's performance against the SA objectives as well as the performance of the higher level policy. This means that it is possible for the draft SPD to score more highly than the higher level policy. This does not mean that the higher level policy is unsustainable, but that

production of the SPD increases its sustainability.

The findings of each of those detailed appraisals are summarised as follows:

## **VISION**

This section of the is focused on developing the strategic vision for the area and bringing forward the spatial aims and objectives set out in Core Strategy policy in more detail. The vision provide similar sustainability benefits as the higher level policy. In general it confirms that by amplifying the high level policy objectives of the Core Strategy in the context of development and infrastructure delivery at East of Harry Stoke, additional sustainability benefits may be derived. The vision may not be sufficiently detailed to pick up all the SA objectives, however there is a risk of repetition of the CS and many of the SA objectives are covered in the main text.

### **Objective 1 – Integrated Approach to Placemaking**

This objective is focused on the delivery of comprehensive development through timely delivery of services and infrastructure. The objective links to the appendix on infrastructure provision and the other objectives. There is a risk of repetition by including all the SA objectives here.

### **Objective 2 – Health and Well-being**

This objective is focused on the health outcomes of the development and the potential for HIA to improve those outcomes. The majority of the SA objectives are relevant, however there is potential for repetition by including all here

### **Objective 3 – Green Infrastructure**

This section sets out the detailed requirements for open space and green infrastructure, and provides significantly improved sustainability benefits over the 'No SPD' option across the most number of SA objectives. This section is focused on provision of green infrastructure and in general adds further detail and therefore sustainability benefits through an SPD than might be derived by not producing an SPD. Further detail may be beneficial in relation to the potential benefits in relation to minimising the consumption of natural resources. However this may repeat objectives elsewhere.

#### **Objective 4 – Movement, Access and Transport**

This section is focused on the provision of infrastructure to support sustainable movement patterns and travel behaviour. The draft SPD provides significant sustainability benefits over the 'no SPD' option in terms of improving health, and recognizing the need for supporting communities that meet peoples needs, with least damage to the environment. By amplifying higher level policy in relation to East of Harry Stoke the 'SPD' option results generally in greater sustainability benefits.

#### **Objective 5 – Community Infrastructure**

This section is focused on delivery of community infrastructure to support development. In general this section brings many positive sustainability benefits over the 'no SPD' option, however clarification may be required in the text and infrastructure table in some instances to maximise the benefit, in particular relating to objectives to minimise consumption of natural resources, and relationship with environmental assets.

#### **Objective 6 – Land use and built form**

This section is focused on generic principles for land use and policy-specific land uses required to be delivered by development proposals. This makes it difficult to appraise the likely impact on sustainability objectives until detailed proposals have come forward. Consideration could be given to focussing on higher level and flexible principles for broad land uses rather than specific requirements. This approach may provide greater sustainability benefits than a 'No SPD' option, although it could make the SPD less 'place-specific'.

#### **Objective 7 – Environmental Health**

This section is focused toward bringing good health outcomes and addressing the specific issues of noise and air quality impacts arising from development and the impact of motorways on development. Difficulty with current BldgReg status and future changes

#### **Objective 8 – Utilities, Waste, Energy and Climate Change Adaptation**

This section is focused on bringing about renewable and low-carbon networks for power, heat and water additional benefits in relation to reducing vulnerability to flooding and climate change, and maintaining local water carrying capacity.

This section is focused toward bringing about co-ordinated strategies for the provision of utilities infrastructure to the wider benefit of developers and the surrounding area, and also strategies for inclusion of low carbon and renewable technologies. Many of the SA objectives have been appraised as 'not applicable' due to the focussed nature of this section.

## **CONCLUSIONS**

Overall it is considered that the revised SPD makes additional contributions to the delivery of sustainable development and infrastructure over Policy CS27. Whilst a significant level of detail has been added to the revised SPD, since this does not change the overall thrust of policy CS27 and the core strategy policies

Consideration has been given to a considerable level of cross referencing within the document. However, ultimately it was considered that this could create unnecessary duplication and confusion, and therefore a simple reference requiring the document being read as a whole has been added.

Whilst additional sustainability benefits may be limited, the SDP does add significant sustainability benefits to the performance of policy CS27.

## Appendix 1

### SPD vs no SPD appraisal

Scoring System:

√√\_ = Major positive effect xx = Major negative effect ? = Effect unknown/depends on implementation of policy

√\_ = Positive effect x = Negative effect √/x = Both positive and negative effects

o = not applicable

### Vision

	SA Objective	Rating	Comments on Draft SPD	Mitigation/SA Recommendation
<b>1. Improve health</b>				
1.1	Improve health	SPD - √	Specific reference to health and well-being in vision present in Draft SPD. Combined vision contributes to health and well being objectives	n/a
		No SPD x		
1.2	Reduce health inequalities	SPD -√	Specific reference to health in vision in Draft SPD. Combined vision contributes to health and well being objectives	n/a
		No SPD - x		
1.3	Promote healthy lifestyles, especially routine daily exercise	SPD - √√	Commitment in the vision within Draft SPD to the delivery of sustainable development through a strong new landscape and movement framework, and good physical connections with the surrounding area which will encourage physical exercise.	n/a
		No SPD - √		
<b>2. Support communities that meet peoples needs</b>				
2.1	Help make suitable housing	SPD - ?	No specific reference in vision to affordable housing. However reference is made to strategic housing provision	Expand vision to include reference to affordable and other forms of

	available and affordable for everyone	No SPD - ✓		housing. Provide link to references to affordable housing in the objectives and infrastructure delivery
2.2	Give everyone access to learning, training, skills and knowledge	SPD - ?	No explicit reference to learning, training, skills and knowledge in SPD as no major employment is to be provided on site. However area will provide housing to support LEP areas, set out in Bristol north fringe vision in CS	Investigate potential for strengthening the SPD's vision and objectives in relation wider WEP employment targets
		No SPD - ✓		
2.3	Reduce crime and fear of crime	SPD ✓	reference to safe neighbourhoods in vision and reference to high quality public realm	n/a
		No SPD - ✓		
2.4	Promote stronger, more vibrant communities	SPD - ✓✓	The SPD contains reference to the delivery of sustainable development through lively and well integrated communities with their own sense of identity.	n/a
		No SPD - ✓		
2.5	Increase access to, and participation in, cultural activities	SPD - ✓✓	The SPD vision contains specific reference to the delivery of sustainable development through lively and well integrated communities with their own sense of identity.	n/a
		No SPD - ✓		
<b>3. Develop the economy in ways that meet people's needs</b>				
3.1	Give everyone in the district	SPD - ?	The SPD vision contains reference to good physical connections with surrounding area but no specific	Consider expanding vision to include access to jobs and services

	access to satisfying work opportunities, paid or unpaid	No SPD - ✓	reference to connection to local jobs, services and facilities.	
3.2	Help everyone afford a comfortable standard of living	SPD - ?	No explicit reference to this objective as no specific employment on site	Investigate potential for strengthening the SPD's vision and objectives in relation to this SA objective. Reference the CS Bristol north fringe vision?
		No SPD - ✓		
3.3	Reduce poverty and income inequality	SPD - ?	No explicit reference to this objective as no specific employment on site	Investigate potential for strengthening the SPD's vision and objectives in relation to this SA objective. Reference the CS Bristol north fringe vision?
		No SPD - ✓		
3.4	Meet local needs locally	SPD - ✓✓	No explicit reference to this objective in vision	Investigate potential for strengthening the SPD's vision and objectives in relation to this SA objective. Reference the CS Bristol north fringe vision?
		No SPD - ✓		
3.5	Increase the circulation of wealth within the area	SPD - ?	No explicit reference to this objective in vision as no employment planned on site .	Investigate potential for strengthening the SPD's vision and objectives in relation to this SA objective. Reference the CS Bristol north fringe vision?
		No SPD - ✓		
3.6	Reduce the vulnerability of the economy to	SPD - X	No explicit reference to this objective in the vision as no employment planned on site .	n/a

	climate change and harness opportunities arising	No SPD - ✓		
<b>4. Provide access to meet people's needs with least damage to communities and the environment</b>				
4.1	Increase choice of method of travel	SPD - ✓✓	reference to this within vision with strong new movement framework and good physical connections with the surrounding area.	n/a
		No SPD - ✓		
4.2	Reduce the need/ desire to travel by car	SPD - ✓✓	reference to this within vision with a strong new movement framework and good physical connections with the surrounding area.	n/a
		No SPD - ✓		
4.3	Help everyone access basic services easily, safely and affordably	SPD - ✓✓	No explicit reference to this objective but reference to a strong new movement framework and good physical connections with the surrounding area.	n/a
		No SPD - ✓		
4.4	Make public transport, cycling and walking easier and more attractive	SPD - ✓✓	No explicit reference to this objective but reference to a strong new movement framework and good physical connections with the surrounding area.	n/a
		No SPD - ✓		
<b>5. Maintain and improve environment quality and assets</b>				
5.1	Protect and enhance habitats and	SPD - X	No explicit reference to this within the vision, however there is reference to a strong new landscape framework, natural environment and wider green infrastructure	Investigate potential for strengthening the SPD's landscape vision in relation to this SA objective.

	species (taking account of climate change).	No SPD - ✓	network.	
5.2	Promote the conservation and wise use of land.	SPD - ?	No explicit reference to this objective in vision .	Investigate potential for strengthening the SPD's vision in relation to this SA objective.
		No SPD - ✓		
5.3	Protect and enhance landscape and townscape.	SPD - ✓	reference to recognising local character in vision .	Investigate potential for strengthening the SPD's vision in relation to this SA objective.
		No SPD - ✓		
5.4	Value and protect diversity and local distinctiveness including rural ways of life.	SPD - ✓	No reference to diversity, however reference to distinctiveness and sense of place that recognition of history	Investigate potential for strengthening the SPD's vision
		No SPD - ✓		
5.5	Maintain and enhance cultural and historical assets.	SPD - ✓✓	The SPD vision contains reference to recognition of the history of the area	n/a
		No SPD - ✓		
5.6	Reduce vulnerability to flooding and	SPD - x	No explicit reference to this objective, however recognition of wider GI role	Investigate potential for strengthening the SPD's vision in relation to this SA objective.

	sea level rise (taking account of climate change).	No SPD - ✓		
<b>6. Minimise consumption of natural resources</b>				
6.1	Reduce non-renewable energy consumption and “greenhouse emissions”.	SPD - x	No explicit reference to this objective.	Investigate potential for strengthening the SPD’s vision
		No SPD - ✓		
6.2	Keep water consumption within local carrying capacity limits (taking account of climate change).	SPD - X	No explicit reference to this objective	Investigate potential for strengthening the SPD’s vision
		No SPD - ✓		
6.3	Minimise consumption and extraction of minerals.	SPD - X	No explicit reference to this objective	Investigate potential for strengthening the SPD’s vision in relation to this SA objective.
		No SPD - ✓		
6.4	Reduce waste not put to any use.	SPD - X	No explicit reference to this objective	Investigate potential for strengthening the SPD’s vision
		No SPD - ✓		

6.5	Minimise land, water, air, light, noise, and generic pollution.	SPD - X	No explicit reference to this objective	Investigate potential for strengthening the SPD's vision
		No SPD -V		
<p><b>Overall commentary/ key recommendations.</b> This section is focused toward bringing forward the high level spatial aims and objectives set out in Core Strategy policy in more detailed and place-specific form. The vision picks up on the main points of cs27 and the policies for the Bristol north fringe set out in the Core Strategy – danger of repetition. The majority of SA objectives are amplified in the body of the SPD and therefore provide greater sustainability benefits. However, some elements may benefit from inclusion on the vision.</p>				

### Objective 1 Integrated Approach to Placemaking

	SA Objective	Rating	Comments on Draft SPD	Mitigation/SA Recommendation
<b>1. Improve health</b>				
1.1	Improve health	SPD vV	No explicit reference to health in this objective present in Draft SPD, however the overall intention is to secure comprehensive development with timely provision of infrastructure to serve the new community, which is pertinent to good health.	N/A
		No SPD - V		
1.2	Reduce health inequalities	SPD – vV	No explicit reference to health in this objective present in Draft SPD, however the overall intention is to secure comprehensive development with timely provision of infrastructure to serve the new community, which is pertinent to good health.	N/A
		No SPD - V		
1.3	Promote healthy	SPD - vV	No explicit reference to health in this objective present in Draft SPD, however the overall intention is to secure	N/A

	lifestyles, especially routine daily exercise	No SPD - v	comprehensive development with timely provision of infrastructure to serve the new community, which is pertinent to good health.	
<b>2. Support communities that meet peoples needs</b>				
2.1	Help make suitable housing available and affordable for everyone	SPD - v√	No reference in this objective to affordable housing however the overall intention is to secure comprehensive development and to deliver the full range of house types and supporting infrastructure set out in the appendices	N/A
		No SPD - v		
2.2	Give everyone access to learning, training, skills and knowledge	SPD - v√	No explicit reference to learning, training, skills and knowledge but overall aim is to provide connections between communities local jobs, services and facilities	n/a
		No SPD - v		
2.3	Reduce crime and fear of crime	SPD - v√	No explicit reference to safety in objective, although appraised on basis that reference to comprehensively planned development, strong community and social connections, high quality public realm (referenced elsewhere in the Draft SPD) would help achieve this objective.	n/a
		No SPD - v		
2.4	Promote stronger, more vibrant communities	SPD - v√	The SPD objective contains reference to the delivery of sustainable development through lively and well integrated communities with their own sense of identity.	n/a
		No SPD - v		
2.5	Increase access to, and participation in,	SPD - v√	The SPD contains reference to the delivery of sustainable development through lively and well integrated communities with their own sense of identity.	n/a

	cultural activities	No SPD - ✓		
<b>3. Develop the economy in ways that meet people's needs</b>				
3.1	Give everyone in the district access to satisfying work opportunities, paid or unpaid	SPD - ✓✓	The SPD contains reference to good physical connections with surrounding area and local jobs, services and facilities.	n/a
		No SPD - ✓		
3.2	Help everyone afford a comfortable standard of living	SPD - ?	No explicit reference to this objective but reference to integrate community and connect to local jobs, services and facilities	Investigate potential for strengthening the SPD's vision and objectives in relation to this SA objective.
		No SPD - ✓		
3.3	Reduce poverty and income inequality	SPD - ?	No explicit reference to this objective but reference to integration of community and connections to local jobs, services and facilities.	Investigate potential for strengthening the SPD's vision and objectives in relation to this SA objective.
		No SPD - ✓		
3.4	Meet local needs locally	SPD - ✓✓	No explicit reference to this objective but reference to comprehensive planning and delivery of services and facilities	n/a
		No SPD - ✓		
3.5	Increase the circulation of wealth within the area	SPD - ?	No explicit reference to this objective but reference to integrate community and connect to local jobs, services and facilities	Investigate potential for strengthening the SPD's vision and objectives in relation to this SA objective.
		No SPD - ✓		

3.6	Reduce the vulnerability of the economy to climate change and harness opportunities arising	SPD - v	No explicit reference to this objective but reference to comprehensive planning and delivery of infrastructure, integrate community and connect to local jobs, services and facilities	n/a
		No SPD - v		
<b>4. Provide access to meet people's needs with least damage to communities and the environment</b>				
4.1	Increase choice of method of travel	SPD - vV	No explicit reference to this objective but reference to a strong physical connections with the surrounding area & access to services and facilities.	n/a
		No SPD - v		
4.2	Reduce the need/ desire to travel by car	SPD - vV	No explicit reference to this objective but reference to a strong physical connections with the surrounding area & access to services and facilities.	n/a
		No SPD - v		
4.3	Help everyone access basic services easily, safely and affordably	SPD - vV	No explicit reference to this objective but reference to a strong physical connections with the surrounding area & access to services and facilities.	n/a
		No SPD - v		
4.4	Make public transport, cycling and walking easier and more attractive	SPD - vV	No explicit reference to this objective but reference to a strong physical connections with the surrounding area & access to services and facilities.	n/a
		No SPD - v		
<b>5. Maintain and improve environment quality and assets</b>				

5.1	Protect and enhance habitats and species (taking account of climate change).	SPD - v	No explicit reference to this objective although refers to need to integrate uses.	n/a
		No SPD - v		
5.2	Promote the conservation and wise use of land.	SPD - v	No explicit reference to this objective although refers to need to integrate uses.	n/a
		No SPD - v		
5.3	Protect and enhance landscape and townscape.	SPD - v	No explicit reference to this objective although refers to innovation and creativity in design and design review.	n/a
		No SPD - v		
5.4	Value and protect diversity and local distinctiveness including rural ways of life.	SPD - v	No explicit reference to this objective but reference included in objectives to distinctive and high quality public realm. objective also refers to innovation and creativity in design and design review.	n/a
		No SPD - v		
5.5	Maintain and enhance cultural and historical assets.	SPD - v	The SPD contains reference to recognition of the adjacent communities and need to integrate through comprehensive planning approach	n/a
		No SPD - v		
5.6	Reduce vulnerability to flooding and	SPD - v	No explicit reference to this objective, however objective refers to need to comprehensively plan and integrate land uses	n/a

	sea level rise (taking account of climate change).	No SPD - ✓		
<b>6. Minimise consumption of natural resources</b>				
6.1	Reduce non-renewable energy consumption and “greenhouse emissions”.	SPD - ✓	No explicit reference to this objective. however objective refers to need to comprehensively plan and integrate land uses	n/a
		No SPD - ✓		
6.2	Keep water consumption within local carrying capacity limits (taking account of climate change).	SPD - ✓	No explicit reference to this objective. however objective refers to need to comprehensively plan and integrate land uses	n/a
		No SPD - ✓		
6.3	Minimise consumption and extraction of minerals.	SPD - X	No explicit reference to this objective. Referred to elsewhere	n/a
		No SPD - ✓		
6.4	Reduce waste not put to any use.	SPD - X	No explicit reference to this objective. Referred to elsewhere	n/a
		No SPD - ✓		

6.5	Minimise land, water, air, light, noise, and generic pollution.	SPD - X	No explicit reference to this objective, however reference to plan comprehensively and to innovate architecture and create sustainable development	n/a
		No SPD -v		
<b>Overall commentary/ key recommendations.</b> This section is focused toward bringing forward comprehensive development through the timely provision of infrastructure and integration with surrounding community.. The majority of objectives are amplified in the SPD elsewhere and therefore provide greater sustainability benefits.				

## Objective 2 Health and wellbeing

	SA Objective	Rating	Comments on Draft SPD	Mitigation/SA Recommendation
<b>1. Improve health</b>				
1.1	Improve health	SPD -- vV	explicit reference to health in objective, including requirement for health impact assessment.	n/a
		No SPD - x		
1.2	Reduce health inequalities	SPD – vV	explicit reference to health in objective, including requirement for health impact assessment.	n/a
		No SPD - x		
1.3	Promote healthy lifestyles, especially routine daily exercise	SPD - vV	explicit reference to health in objective, including requirement for health impact assessment.	n/a.
		No SPD - x		
<b>2. Support communities that meet peoples needs</b>				

2.1	Help make suitable housing available and affordable for everyone	SPD - v	No specific reference in objective to affordable housing. However objective recognises 'joined up' approach needed to health and well being, including housing. Ref to HIA	Investigate potential to expand to include housing in objective – potential for repetition?
		No SPD - v		
2.2	Give everyone access to learning, training, skills and knowledge	SPD - v	No specific reference in objective to affordable housing. However objective recognises 'joined up' approach needed to health and well being, including employment. Ref to HIA	Investigate potential to expand to include employment in objective – potential for repetition?
		No SPD - v		
2.3	Reduce crime and fear of crime	SPD - v	No specific reference in objective to affordable housing. However objective recognises 'joined up' approach needed to health and well being, including safety. Ref to HIA	Investigate potential to expand to include employment in objective – repetition?
		No SPD - v		
2.4	Promote stronger, more vibrant communities	SPD - vV	The SPD contains reference to the delivery of healthy and happy community. Ref HIA	n/a
		No SPD - v		
2.5	Increase access to, and participation in, cultural activities	SPD - vV	No specific reference in objective to affordable housing. However objective recognises 'joined up' approach needed to health and well being, including cultural activity. Ref to HIA	Investigate potential to expand to include cultural activity in objective – repetition?
		No SPD - v		

**3. Develop the economy in ways that meet people's needs**

3.1	Give everyone in the district access to satisfying work opportunities, paid or unpaid	SPD - vV	The objective contains reference to work as part of a healthy life. References access to education and employment	n/a
		No SPD - V		
3.2	Help everyone afford a comfortable standard of living	SPD - vV	The objective contains reference to work as part of a healthy life. References access to education and employment and well-being	NA
		No SPD - V		
3.3	Reduce poverty and income inequality	SPD vV	The objective contains reference to work as part of a healthy life	N/A
		No SPD - V		
3.4	Meet local needs locally	SPD - vV	The objective contains reference to work as part of a healthy life. References access to education and employment and well-being	n/a
		No SPD - v		
3.5	Increase the circulation of wealth within the area	SPD - ?	No explicit reference to this objective but reference to local jobs, services and facilities	N/A
		No SPD - V		
3.6	Reduce the vulnerability of the economy to	SPD - X	No explicit reference to this objective in the Draft SPD.	Investigate potential for strengthening the SPD's objective in relation to this SA objective.

	climate change and harness opportunities arising	No SPD - v		
<b>4. Provide access to meet people's needs with least damage to communities and the environment</b>				
4.1	Increase choice of method of travel	SPD - vV	Objective references need fro access to jobs ad services, education and promoting physical activey	n/a
		No SPD - v		
4.2	Reduce the need/ desire to travel by car	SPD - vV	Objective references need fro access to jobs ad services, education and promoting physical activey	n/a
		No SPD - v		
4.3	Help everyone access basic services easily, safely and affordably	SPD - vV	Objective references need fro access to jobs ad services, education and promoting physical activey	n/a
		No SPD - v		
4.4	Make public transport, cycling and walking easier and more attractive	SPD - vV	Objective references need fro access to jobs ad services, education and promoting physical activey	n/a
		No SPD - v		
<b>5. Maintain and improve environment quality and assets</b>				
5.1	Protect and enhance habitats and	SPD - v	Sustainable development referenced .	N/A

	species (taking account of climate change).	No SPD - v		
5.2	Promote the conservation and wise use of land.	SPD - v	No explicit reference to this objective but reference elsewhere in the Draft SPD.	N/A
		No SPD - v		
5.3	Protect and enhance landscape and townscape.	SPD - X	No explicit reference to this objective in the Draft SPD.	N/A
		No SPD - v		
5.4	Value and protect diversity and local distinctiveness including rural ways of life.	SPD - v	No explicit reference to this objective but reference included in objectives to distinctive and high quality public realm.	N/A
		No SPD - v		
5.5	Maintain and enhance cultural and historical assets.	SPD - v	No explicit reference to this objective	N/A
		No SPD - v		
5.6	Reduce vulnerability to flooding and	SPD - x	No explicit reference to this objective	N/A

	sea level rise (taking account of climate change).	No SPD - √		
<b>6. Minimise consumption of natural resources</b>				
6.1	Reduce non-renewable energy consumption and “greenhouse emissions”.	SPD - x	No explicit reference to this objective.	Investigate potential for strengthening the objective in relation to this SA objective. However potentially repeats other objective
		No SPD - √		
6.2	Keep water consumption within local carrying capacity limits (taking account of climate change).	SPD - X	No explicit reference to this objective	Investigate potential for strengthening the SPD’s objective in relation to this SA objective. However potentially repeats other objective
		No SPD - √		
6.3	Minimise consumption and extraction of minerals.	SPD - X	No explicit reference to this objective	Investigate potential for strengthening the SPD’s objective in relation to this SA objective. However potentially repeats other objective
		No SPD - √		
6.4	Reduce waste not put to any use.	SPD - X	No explicit reference to this objective	Investigate potential for strengthening the SPD’s objective in relation to this SA objective. However potentially repeats other objective
		No SPD - √		

6.5	Minimise land, water, air, light, noise, and generic pollution.	SPD - X	No explicit reference to this objective	Investigate potential for strengthening the SPD's objective in relation to this SA objective. However potentially repeats other objective
		No SPD -V		
<b>Overall commentary/ key recommendations.</b> This section is focused on improving the health outcomes of the development through HIA. The majority of objectives are amplified elsewhere in the SPD and therefore provide greater sustainability benefits. Potential for repetition.				

### Green Infrastructure

	SA Objective	Rating	Comments on Draft SPD	Mitigation/SA Recommendation
<b>1. Improve health</b>				
1.1	Improve health	SPD - vV	The SPD contains principles that require development to protect and enhance existing landscape features that contribute to local distinctiveness, and use green infrastructure to provide attractive and functional settings for community services and facilities to promote social activity and interaction	n/a
		No SPD - V		
1.2	Reduce health inequalities	SPD - vV	The SPD contains principles that require utilisation of green infrastructure network as focus of sustainable modes of travel	n/a
		No SPD - V		
1.3	Promote healthy	SPD - vV	The SPD contains principles that require protection and enhancement of local distinctiveness, use green	n/a

	lifestyles, especially routine daily exercise	No SPD - v	infrastructure to provide setting for community services and facilities, focus of sustainable modes of travel around green infrastructure and provide multi-functional network of open space	
<b>2. Support communities that meet peoples needs</b>				
2.1	Help make suitable housing available and affordable for everyone	SPD - o	No explicit reference to this objective in the Draft SPD	n/a
		No SPD - v		
2.2	Give everyone access to learning, training, skills and knowledge	SPD - vv	The SPD contains principles that require utilisation of green infrastructure network as focus of sustainable modes of travel	n/a
		No SPD - v		
2.3	Reduce crime and fear of crime	SPD - x	No explicit reference to this objective in the Draft SPD	Consider strengthening objective to include safety within GI
		No SPD - v		
2.4	Promote stronger, more vibrant communities	SPD - vv	The SPD contains principles that require development to use green infrastructure to provide attractive and functional settings for community services and facilities to promote social activity and interaction	n/a
		No SPD - v		
2.5	Increase access to, and participation in, cultural activities	SPD - vv	The SPD contains principles that require development to use green infrastructure to provide attractive and functional settings for community services and facilities to promote social activity and interaction	n/a
		No SPD - v		
<b>3. Develop the economy in ways that meet people's needs</b>				

3.1	Give everyone in the district access to satisfying work opportunities, paid or unpaid	SPD - v	No explicit reference, although principles elsewhere in the Draft SPD require utilisation of green infrastructure network as focus of sustainable modes of travel	n/a
		No SPD - v		
3.2	Help everyone afford a comfortable standard of living	SPD - o	No explicit reference to this objective in the Draft SPD – not relevant	n/a
		No SPD - v		
3.3	Reduce poverty and income inequality	SPD - ?	No explicit reference. Principles require utilisation of green infrastructure network as focus of sustainable modes of travel that could make employment opportunities for those on lower wages easier to access	n/a
		No SPD - v		
3.4	Meet local needs locally	SPD - v	The SPD contains principles that require development to use green infrastructure to provide attractive and functional settings for community services and facilities to promote social activity and interaction	n/a
		No SPD - v		
3.5	Increase the circulation of wealth within the area	SPD - o	No explicit reference to this objective in the Draft SPD. Not relevant	n/a
		No SPD - v		
3.6	Reduce the vulnerability of the economy to	SPD - v	The SPD contains principles that require development to positively facilitate comprehensive proposals to sustainably integrate natural and man-made processes, in particular	

	climate change and harness opportunities arising	No SPD - ✓	with regard to flood risk	
<b>4. Provide access to meet people's needs with least damage to communities and the environment</b>				
4.1	Increase choice of method of travel	SPD - ✓✓	The SPD contains principles that require utilisation of green infrastructure network as focus of sustainable modes of travel	na
		No SPD - ✓		
4.2	Reduce the need/ desire to travel by car	SPD - ✓✓	The SPD contains principles that require utilisation of green infrastructure network as focus of sustainable modes of travel	na
		No SPD - ✓		
4.3	Help everyone access basic services easily, safely and affordably	SPD - ✓✓	The SPD contains principles that require protection and enhancement of local distinctiveness, use green infrastructure to provide setting for community services and facilities, focus of sustainable modes of travel around green infrastructure	n/a
		No SPD - ✓		
4.4	Make public transport, cycling and walking easier and more attractive	SPD - ✓✓	The SPD contains principles that require utilisation of green infrastructure network as focus of sustainable modes of travel	n/a
		No SPD - ✓		
<b>5. Maintain and improve environment quality and assets</b>				

5.1	Protect and enhance habitats and species (taking account of climate change).	SPD - √√	The SPD contains strong principles that require development to enhance the ecological value of the area with particular reference to Great Crested Newt population	n/a
		No SPD – √		
5.2	Promote the conservation and wise use of land.	SPD - √√	The SPD contains principles that require development to enhance the ecological value of the area, and sustainably integrate natural and man-made processes	n/a
		No SPD – √		
5.3	Protect and enhance landscape and townscape.	SPD - √√	The SPD contains principles that require development to protect and enhance existing landscape features that contribute to local distinctiveness, and promote new, high quality public and private landscape that assists in developing distinctiveness	n/a
		No SPD – √		
5.4	Value and protect diversity and local distinctiveness including rural ways of life.	SPD - √√	The SPD contains principles that require development to protect and enhance existing landscape features that contribute to local distinctiveness, and promote new, high quality public and private landscape that assists in developing distinctiveness	n/a
		No SPD - √		
5.5	Maintain and enhance cultural and historical assets.	SPD - √√	reference to Mulgrove Farm and Hambrook corridor as specifically valued assets.	n/a
		No SPD – √		

5.6	Reduce vulnerability to flooding and sea level rise (taking account of climate change).	SPD - v	The SPD contains principles that require development to enhance the ecological value of the area, and sustainably integrate natural and man-made processes	n/a
		No SPD - v		
<b>6. Minimise consumption of natural resources</b>				
6.1	Reduce non-renewable energy consumption and “greenhouse emissions”.	SPD - v	explicit reference to this objective in later objective on renewable energy.	Investigate potential for inclusion of link with later SA objective in SPD
		No SPD - v		
6.2	Keep water consumption within local carrying capacity limits (taking account of climate change).	SPD - v- v	The SPD contains principles that require development to enhance the ecological value of the area, and sustainably integrate natural and man-made processes. explicit reference to this objective in later objective on renewable energy.	Investigate potential for inclusion of link with later SA objective in SPD
		No SPD - v		
6.3	Minimise consumption and extraction of minerals.	SPD - o	No explicit reference to this objective in the Draft SPD	n/a
		No SPD - v		
6.4	Reduce waste	SPD - X	No explicit reference to this objective in the Draft SPD	Investigate potential for inclusion of

	not put to any use.	No SPD – v		this SA objective in SPD, with particular reference to earth works
6.5	Minimise land, water, air, light, noise, and generic pollution.	SPD - v	No explicit ref explicit reference to this objective. However it is referenced in later objective on Environmental health to this objective in the Draft SPD	Investigate potential for inclusion of this SA objective in draft SPD
		No SPD - v		
<p><b>Overall commentary/ key recommendations.</b> This section is focused on provision of green infrastructure and in general adds further detail and therefore sustainability benefits through an SPD than might be derived by not producing an SPD. Further detail may be beneficial in relation to the potential benefits in relation to minimising the consumption of natural resources. However this may repeat objectives elsewhere.</p>				

#### Objective 4 Movement Access and Transport

	SA Objective	Rating	Comments on Draft SPD	Mitigation/SA Recommendation
<b>1. Improve health</b>				
1.1	Improve health	SPD - vV	The SPD contains principles that require the creation of 'walkable neighbourhoods' giving easy access by walking and cycling to all services and facilities	n/a
		No SPD - v		
1.2	Reduce health inequalities	SPD - vV	The SPD contains principles that require the creation of 'walkable neighbourhoods' giving easy access by walking and cycling to all services and facilities	n/a

		No SPD - √		
1.3	Promote healthy lifestyles, especially routine daily exercise	SPD - √√	The SPD contains principles that require the creation of 'walkable neighbourhoods' giving easy access by walking and cycling to all services and facilities	NA
		No SPD - √	Table emphasises need to ensure continuity and priority of walking and cycling routes across main road networks	
<b>2. Support communities that meet peoples needs</b>				
2.1	Help make suitable housing available and affordable for everyone	SPD - 0	No reference in Access and Movement to affordable housing. However reference to easy and convenient forms of sustainable travel will potentially benefit those on reduced incomes	n/a
		No SPD - √		
2.2	Give everyone access to learning, training, skills and knowledge	SPD - √√	The SPD contains principles that require the creation of 'walkable neighbourhoods' giving easy access by walking and cycling to all services and facilities, and provision of sustainable travel options from the outset of development, including N fringe to Hengrove package	n/a
		No SPD - √		
2.3	Reduce crime and fear of crime	SPD - √√	The SPD contains principles that require all walking and cycling routes to be safe, and primary means of access to be frontage access No reference to safety of other modes of travel/ their routes	n/a
		No SPD - √		

2.4	Promote stronger, more vibrant communities	SPD - vV	The SPD contains principles that require the creation of 'walkable neighbourhoods' giving easy access by walking and cycling to all services and facilities	n/a
		No SPD - v		
2.5	Increase access to, and participation in, cultural activities	SPD - vV	The SPD contains principles that require the creation of 'walkable neighbourhoods' giving easy access by walking and cycling to all services and facilities, and provision of sustainable travel options from the outset of development , including N fringe to Hengrove package	n/a
		No SPD - v/		
<b>3. Develop the economy in ways that meet people's needs</b>				
3.1	Give everyone in the district access to satisfying work opportunities, paid or unpaid	SPD - v	No explicit reference in relation to employment opportunities as EoHS does not contain major employment , although principles require the creation of 'walkable neighbourhoods' giving easy access by walking and cycling to all services and facilities. Reference to employment and objectives of Enterprise Area referenced elsewhere in the SPD	
		No SPD - v		
3.2	Help everyone afford a comfortable standard of living	SPD v	Reference to sustainable forms of transport to provide alternative to car	n/a
		No SPD - v		
3.3	Reduce poverty and income	SPD – o	No explicit reference, however sustainable modes of transport and public transport provision will promote	n/a

	inequality	No SPD - v	greater equality of access	
3.4	Meet local needs locally	SPD - v	The SPD contains principles that require the creation of 'walkable neighbourhoods' giving easy access by walking and cycling to all services and facilities.	n/a
		No SPD - v		
3.5	Increase the circulation of wealth within the area	SPD - o	No explicit reference	n/a
		No SPD - v		
3.6	Reduce the vulnerability of the economy to climate change and harness opportunities arising	SPD - v	No explicit reference, although principles require the creation of 'walkable neighbourhoods' giving easy access by walking and cycling to all services and facilities., which could reduce vulnerability of local economy to rising prices of commodities and fuel	
		No SPD - v		
<b>4. Provide access to meet people's needs with least damage to communities and the environment</b>				
4.1	Increase choice of method of travel	SPD - vv	The SPD contains principles that require development to make sustainable modes of travel more convenient than the car and provide sustainable travel options from the outset	n/a
		No SPD - v		
4.2	Reduce the need/ desire to	SPD - vv	The SPD contains principles that require development to make sustainable modes of gravel more convenient than	n/a

	travel by car	No SPD - ✓	the car, provide sustainable travel options from the outset, and ensure the creation of walkable neighbourhoods	
4.3	Help everyone access basic services easily, safely and affordably	SPD - ✓✓	The SPD contains principles that require the creation of 'walkable neighbourhoods' giving easy access by walking and cycling to all services and facilities. , including N fringe to Hengrove package	n/a
		No SPD - ✓		
4.4	Make public transport, cycling and walking easier and more attractive	SPD - ✓✓	The SPD contains principles that require development to make sustainable modes of travel more convenient than the car, provide sustainable travel options from the outset, and ensure the creation of walkable neighbourhoods, including N fringe to Hengrove package	n/a
		No SPD - ✓		
<b>5. Maintain and improve environment quality and assets</b>				
5.1	Protect and enhance habitats and species (taking account of climate change).	SPD - ?	No explicit reference to this objective in the Draft SPD.	Investigate potential for inclusion of this SA objective in draft SPD where conflicts may arise
		No SPD - ✓		
5.2	Promote the conservation and wise use of land.	SPD - ?	No explicit reference to this objective.	Investigate potential for inclusion of this SA objective in draft SPD
		No SPD - ✓		
5.3	Protect and enhance	SPD - ?	No explicit reference to this objective, however integration of transport corridors with landscape may protect	

	landscape and townscape.	No SPD - ✓	character	
5.4	Value and protect diversity and local distinctiveness including rural ways of life.	SPD - ?	No explicit reference to this objective	Potential to add clarity on character/function of routes that relate to green infrastructure
		No SPD - ✓		
5.5	Maintain and enhance cultural and historical assets.	SPD - ?	No explicit reference to this objective	n/a
		No SPD - ✓		
5.6	Reduce vulnerability to flooding and sea level rise (taking account of climate change).	SPD - ?	No explicit reference to this objective	Consider options as part of further transport studies
		No SPD - ✓		
<b>6. Minimise consumption of natural resources</b>				
6.1	Reduce non-renewable energy consumption and “greenhouse emissions”.	SPD - ?	No explicit reference, however sustainable transport modes promote less energy use	n/a
		No SPD - ✓		

6.2	Keep water consumption within local carrying capacity limits (taking account of climate change).	SPD - ?	No explicit reference. Principles elsewhere refer to ensuring higher density development is focussed around movement networks	n/a
		No SPD - ✓		
6.3	Minimise consumption and extraction of minerals.	SPD - o	No explicit reference	n/a
		No SPD - ✓		
6.4	Reduce waste not put to any use.	SPD - o	No explicit reference	
		No SPD - ✓		
6.5	Minimise land, water, air, light, noise, and generic pollution.	SPD - ?	Explicit reference regarding air quality and noise emissions	Link to Environmental health objective on emissions
		No SPD - ✓		
<p><b>Overall commentary/ key recommendations.</b> This section is focused on the provision of infrastructure to support sustainable movement patterns and travel behaviour. By amplifying higher level policy in relation to East of Harry Stoke the ‘SPD’ option results generally in greater sustainability benefits.</p>				

## Objective 5 Community Infrastructure

	SA Objective	Rating	Comments on Draft SPD	Mitigation/SA Recommendation
<b>1. Improve health</b>				
1.1	Improve health	SPD - vV	The SPD contains principles that require provision of services and facilities in the most accessible locations, investigation of potential to co-locate could maximise use, activity and potential for social networking	n/a
		No SPD - V		
1.2	Reduce health inequalities	SPD - vV	The SPD contains principles that require provision of services and facilities in the most accessible locations by a variety of means, investigation of potential to co-locate could maximise use, activity and potential for social networking	n/a
		No SPD - V		
1.3	Promote healthy lifestyles, especially routine daily exercise	SPD - - V	No explicit reference, however the SPD contains principles that require in SPD on walkable neighbourhoods, and use of green infrastructure as movement corridors	Investigate potential to add detail on most sustainable location of community facilities and impact on social interaction/ healthy lifestyles
		No SPD - V		
<b>2. Support communities that meet peoples needs</b>				
2.1	Help make suitable housing available and affordable for everyone	SPD - o	No explicit reference in Community Infrastructure to affordable housing. Principles elsewhere in SPD on providing a range of housing to meet local need.	n/a
		No SPD - V		
2.2	Give everyone access to	SPD - vV	The SPD contains principles that require provision of services and facilities in the most accessible locations	n/a

	learning, training, skills and knowledge	No SPD - v	Table sets out requirement for education and library facilities to be provided by development	
2.3	Reduce crime and fear of crime	SPD - ?	No explicit reference to this objective in the Draft SPD	Investigate potential for inclusion of this SA objective in draft SPD, e.g. through promotion of mix of uses to increase activity and natural surveillance
		No SPD - v		
2.4	Promote stronger, more vibrant communities	SPD - vV	The SPD contains principles that require provision of services and facilities in the most accessible locations by a variety of means, investigation of potential to co-locate could maximise use, activity and potential for social networking. Principles elsewhere in SPD on walkable neighbourhoods, and use of green infrastructure as movement corridors	n/a
		No SPD - v		
2.5	Increase access to, and participation in, cultural activities	SPD - vV	The SPD contains principles that require development to plan for long-term flexibility and adaptability of services and facilities to ensure changing needs of community can be accommodated.	n/a
		No SPD - v	The SPD contains principles that require community management and participation to be secured in design and provision of services and facilities Principles elsewhere in SPD on walkable neighbourhoods, use of green infrastructure as movement corridors, and creation of heritage museum	
<b>3. Develop the economy in ways that meet people's needs</b>				
3.1	Give everyone in the district	SPD - o	No explicit reference to this objective. However opportunities to work in the local community and health	

	access to satisfying work opportunities, paid or unpaid	No SPD - ✓	facilitiy or to volunteer	
3.2	Help everyone afford a comfortable standard of living	SPD - o	No explicit reference to this objective	n/a
		No SPD - ✓		
3.3	Reduce poverty and income inequality	SPD - o	No explicit reference to this objective	n/a
		No SPD - ✓		
3.4	Meet local needs locally	SPD - ✓✓	The SPD contains principles that require provision of services and facilities in the most accessible locations by a variety of means, investigation of potential to co-locate could maximise use, activity and potential for social networking, and for development to plan for long-term flexibility and adaptability of services and facilities to ensure changing needs of community can be accommodated.	Investigate potential to clarify optimum location of key services/ facilities such as secondary school/ health centre(s) through future master planning
		No SPD - ✓		
3.5	Increase the circulation of wealth within the area	SPD - o	No explicit reference to this objective	n/a
		No SPD - ✓		
3.6	Reduce the vulnerability of the economy to climate change	SPD - ?	No explicit reference, although principle requiring development to plan for long-term flexibility and adaptability of services and facilities to ensure the changing needs of community can be accommodated could benefit	n/a
		No SPD - ✓		

	and harness opportunities arising		long-term security of services and facilities.	
<b>4. Provide access to meet people's needs with least damage to communities and the environment</b>				
4.1	Increase choice of method of travel	SPD - vV	The SPD contains principles that require provision of services and facilities in the most accessible locations by a variety of means	n/a
		No SPD - v		
4.2	Reduce the need/ desire to travel by car	SPD - vV	The SPD contains principles that require provision of services and facilities in the most accessible locations by a variety of means	n/a
		No SPD - v		
4.3	Help everyone access basic services easily, safely and affordably	SPD - vV	The SPD contains principles that require provision of services and facilities in the most accessible locations by a variety of means	Investigate potential to clarify on diagram the most sustainable locations for key services/ facilities
		No SPD - v		
4.4	Make public transport, cycling and walking easier and more attractive	SPD - vV	The SPD contains principles that require provision of services and facilities in the most accessible locations by a variety of means	n/a
		No SPD - v		

<b>5. Maintain and improve environment quality and assets</b>				
5.1	Protect and enhance habitats and species (taking account of climate change).	SPD - ?	No explicit reference to this objective in the Draft SPD.	n/a
		No SPD - ✓		
5.2	Promote the conservation and wise use of land.	SPD - ?	No explicit reference to this objective in the Draft SPD.	Investigate potential for inclusion of this SA objective in draft SPD
		No SPD - ✓		
5.3	Protect and enhance landscape and townscape.	SPD - ?	No explicit reference to this objective in the Draft SPD.	Investigate potential for inclusion of this SA objective in draft SPD
		No SPD - ✓		
5.4	Value and protect diversity and local distinctiveness including rural ways of life.	SPD - ?	No explicit reference to this objective in the Draft SPD. However high quality design is referenced	Investigate potential for inclusion of this SA objective in draft SPD
		No SPD - ✓		
5.5	Maintain and enhance cultural and historical assets.	SPD - ✓	No explicit reference. However public art is referenced	n/a
		No SPD - ✓		

5.6	Reduce vulnerability to flooding and sea level rise (taking account of climate change).	SPD - ?	No explicit reference to this objective in the Draft SPD. Principle elsewhere requires commitment to BREEAM ‘very good’ or demonstration of how buildings outperform building regulations.	Investigate potential to incorporate BREEAM in SPD
		No SPD - x		
<b>6. Minimise consumption of natural resources</b>				
6.1	Reduce non-renewable energy consumption and “greenhouse emissions”.	SPD - ?	No explicit reference. Principle elsewhere requires commitment to BREEAM ‘very good’ or demonstration of how buildings outperform building regulations.	Investigate potential to incorporate BREEAM in SPD
		No SPD - ✓		
6.2	Keep water consumption within local carrying capacity limits (taking account of climate change).	SPD - ?	No explicit reference to this objective in the Draft SPD	Investigate potential to incorporate BREEAM in SPD
		No SPD - ✓		
6.3	Minimise consumption and extraction of minerals.	SPD - o	No explicit reference to this objective in the Draft SPD	n/a
		No SPD - ✓		
6.4	Reduce waste not put to any	SPD - o	No explicit reference to this objective in the Draft SPD	Investigate potential to incorporate BREEAM in SPD
		No SPD - ✓		

	use.			
6.5	Minimise land, water, air, light, noise, and generic pollution.	SPD - ? No SPD - x	No explicit reference to this objective in the Draft SPD	Investigate potential to incorporate BREEAM in SPD
<p><b>Overall commentary/ key recommendations.</b> This section is focused on delivery of community infrastructure to support development. In general this section brings many positive sustainability benefits over the ‘no SPD’ option, however clarification may be required in the text and infrastructure table in some instances to maximise the benefit, in particular relating to objectives to minimise consumption of natural resources, and relationship with environmental assets.</p>				

#### Objective 6 Land use and Built Form

	SA Objective	Rating	Comments on Draft SPD	Mitigation/SA Recommendation
<b>1. Improve health</b>				
1.1	Improve health	SPD - √√ No SPD - √	The SPD contains principles that require the creation of mixed use development with a balance of homes, jobs, health services etc.	n/a
1.2	Reduce health inequalities	SPD - √√ No SPD - √	The SPD contains principles that require the creation of mixed use development with a balance of homes, jobs, health services et	n/a
1.3	Promote healthy	SPD - √√	The SPD contains principles require higher density development to be focussed around strategic walking,	n/a

	lifestyles, especially routine daily exercise	No SPD - v	cycling and public transport routes	
<b>2. Support communities that meet peoples needs</b>				
2.1	Help make suitable housing available and affordable for everyone	SPD - vV	The SPD contains principles that require development to meet full range of housing need, including affordable and extra care housing, provision for gypsies and travellers, and provision of serviced land for those wishing to build their own homes	n/a
		No SPD - v		
2.2	Give everyone access to learning, training, skills and knowledge	SPD - vV	The SPD contains principles that require the creation of mixed use development with a balance of homes, access to jobs, education facilities etc.	n/a
		No SPD - v		
2.3	Reduce crime and fear of crime	SPD - vV	The SPD contains principles that require the creation of perimeter block structure to ensure activity and overlooking of public spaces and secured by design principles	n/a
		No SPD - v		
2.4	Promote stronger, more vibrant communities	SPD - vV	The SPD contains principles that require consideration is given to co-location and/ or combined use with other community infrastructure to increase social activity and networking	Investigate potential to ensure local involvement in future arrangements for management of the area. – currently in infrastructure table
		No SPD - v		
2.5	Increase access to, and participation in, cultural activities	SPD - vV	The SPD contains principles that require consideration is given to co-location and/ or combined use with other community infrastructure to increase social activity and networking	Investigate potential to ensure local involvement in future arrangements for management of the area.
		No SPD - v		

<b>3. Develop the economy in ways that meet people's needs</b>				
3.1	Give everyone in the district access to satisfying work opportunities, paid or unpaid	SPD - ?	Not explicit as no major employment on site. However, access to jobs referenced	Investigate potential to incorporate aspirations of the LEP areas and how they relate to new/ existing residents in the area.
		No SPD - ✓		
3.2	Help everyone afford a comfortable standard of living	SPD - ✓✓	The SPD contains principles that require the creation of mixed use development with a balance of homes, jobs, services. Principles require higher density development to be focussed around strategic walking, cycling and public transport routes	Investigate potential to incorporate aspirations of the LEP areas and how they relate to new/ existing residents in the area.
		No SPD - ✓		
3.3	Reduce poverty and income inequality	SPD - ✓✓	The SPD contains principles that require the creation of mixed use development with a balance of homes, jobs, services. Principles require higher density development to be focussed around strategic walking, cycling and public transport routes	Investigate potential to incorporate aspirations of the LEP areas and how they relate to new/ existing residents in the area.
		No SPD - ✓		
3.4	Meet local needs locally	SPD - ?	No explicit reference. However role of housing to address in-commuting referenced	Investigate potential to incorporate aspirations of the LEP areas and how they relate to new/ existing residents in the area.
		No SPD - ✓		
3.5	Increase the circulation of wealth within the area	SPD - ?	No explicit reference	Investigate potential to incorporate aspirations of the LEP areas and how they relate to new/ existing residents in the area.
		No SPD - ✓		

3.6	Reduce the vulnerability of the economy to climate change and harness opportunities arising	SPD – X	No explicit reference	n/a
		No SPD - ✓		
<b>4. Provide access to meet people’s needs with least damage to communities and the environment</b>				
4.1	Increase choice of method of travel	SPD - ✓✓	The SPD contains principles that require higher density development to be focussed around strategic walking, cycling and public transport routes	Investigate potential to clarify through masterplanning the most sustainable locations for higher densities of development.
		No SPD - ✓		
4.2	Reduce the need/ desire to travel by car	SPD - ✓✓	The SPD contains principles that require higher density development to be focussed around strategic walking, cycling and public transport routes	Investigate potential to clarify through masterplanning the most sustainable locations for higher densities of development.
		No SPD - ✓		
4.3	Help everyone access basic services easily, safely and affordably	SPD - ✓✓	The SPD contains principles that require higher density development to be focussed around strategic walking, cycling and public transport routes	Investigate potential to clarify through masterplanning the most sustainable locations for higher densities of development.
		No SPD - ✓		
4.4	Make public transport, cycling and walking easier and more attractive	SPD - ✓✓	The SPD contains principles that require higher density development to be focussed around strategic walking, cycling and public transport routes	Investigate potential to clarify through masterplanning the most sustainable locations for higher densities of development.
		No SPD - ✓		
<b>5. Maintain and improve environment quality and assets</b>				

5.1	Protect and enhance habitats and species (taking account of climate change).	SPD - o	No explicit reference in land use section, however adequate reference is included in the Green Infrastructure section.	n/a
		No SPD - v		
5.2	Promote the conservation and wise use of land.	SPD - vv	The SPD contains principles that require higher density development to be focussed around strategic walking, cycling and public transport routes. Also references the need to make the most efficient use of land	Investigate potential to clarify on diagram the most sustainable locations for higher densities of development.
		No SPD - v		
5.3	Protect and enhance landscape and townscape.	SPD - o	No explicit reference	n/a
		No SPD - v		
5.4	Value and protect diversity and local distinctiveness including rural ways of life.	SPD - o	Reference to the need to promote and utilise local distinctiveness	n/a
		No SPD - v		
5.5	Maintain and enhance cultural and historical assets.	SPD - vv	The SPD contains a principles that re-use Mulgrove Farm the and consideration of potential for co-location with community facilities	n/a
		No SPD - v		
5.6	Reduce vulnerability to flooding and	SPD - X	No explicit reference. Building design and orientation promotes sustainable design principles	n/a

	sea level rise (taking account of climate change).	No SPD - v		
<b>6. Minimise consumption of natural resources</b>				
6.1	Reduce non-renewable energy consumption and “greenhouse emissions”.	SPD - v	No explicit reference. Principles elsewhere in the Draft SPD require commitment to Code for Sustainable Homes level 4 or BREEAM ‘very good’, or explanation of how proposals outperform building regulations	
		No SPD - v		
6.2	Keep water consumption within local carrying capacity limits (taking account of climate change).	SPD - v	No explicit reference. Principles elsewhere in the Draft SPD require commitment to Code for Sustainable Homes level 4 or BREEAM ‘very good’, or explanation of how proposals outperform building regulations	
		No SPD - v		
6.3	Minimise consumption and extraction of minerals.	SPD – o	No explicit reference	
		No SPD – v		
6.4	Reduce waste not put to any use.	SPD - v	No explicit reference. Principles elsewhere in the Draft SPD require commitment to Code for Sustainable Homes level 4 or BREEAM ‘very good’, or explanation of how proposals outperform building regulations	
		No SPD - v		

6.5	Minimise land, water, air, light, noise, and generic pollution.	SPD - v	No explicit reference. Principles elsewhere in the Draft SPD require commitment to Code for Sustainable Homes level 4 or BREEAM 'very good', or explanation of how proposals outperform building regulations	
		No SPD - v		

**Overall commentary/ key recommendations.** This section is focused on both generic principles for land use and also site/ policy-specific land uses required by development proposals. Due to the scope of this section it is often difficult to accurately appraise the likely impact on sustainability objectives until detailed proposals have come forward and the policy has been implemented. In this context a Land Use section in the SPD that focuses on higher level and flexible principles for broad land uses, rather than specific requirements in Cs27, may provide greater sustainability benefits in relation to the SA objectives than a 'No SPD' option.

### Objective 7 Environmental Health

	SA Objective	Rating	Comments on Draft SPD	Mitigation/SA Recommendation
<b>1. Improve health</b>				
1.1	Improve health	SPD – o	Reference to reduction and mitigation of air quality and noise impacts of motorways and main roads	Consider inclusion of reference to specific parts of Code for Sustainable Homes/ BREEAM in principles
		No SPD - v		
1.2	Reduce health inequalities	SPD – o	Reference to reduction and mitigation of air quality and noise impacts of motorways and main roads	n/a
		No SPD - v		

1.3	Promote healthy lifestyles, especially routine daily exercise	SPD - o	No explicit reference to this objective	n/a
		No SPD - ✓		
<b>2. Support communities that meet peoples needs</b>				
2.1	Help make suitable housing available and affordable for everyone	SPD - ?	No explicit reference to this objective,	n/a
		No SPD - ✓		
2.2	Give everyone access to learning, training, skills and knowledge	SPD - o	No explicit reference to this objective	na
		No SPD - ✓		
2.3	Reduce crime and fear of crime	SPD - o	No explicit reference to this objective	na
		No SPD - ✓		
2.4	Promote stronger, more	SPD - ?	No explicit reference to this objective	na

	vibrant communities	No SPD - v		
2.5	Increase access to, and participation in, cultural activities	SPD - o	No explicit reference to this objective	na
		No SPD - v		
<b>3. Develop the economy in ways that meet people's needs</b>				
3.1	Give everyone in the district access to satisfying work opportunities, paid or unpaid	SPD - o	No explicit reference to this objective	n/a
		No SPD - v		
3.2	Help everyone afford a comfortable standard of living	SPD - o	No explicit reference.	n/a
		No SPD - v		
3.3	Reduce poverty and income inequality	SPD - x	No explicit reference to this objective. Concern over location of affordable housing in relation to motorways	Add reference to affordable housing's relationship to motorways in spd
		No SPD - v		
3.4	Meet local needs locally	SPD - o	No explicit reference to this objective	n/a
		No SPD - v		
3.5	Increase the circulation of wealth within the area	SPD - o	No explicit reference to this objective	n/a
		No SPD - v		

3.6	Reduce the vulnerability of the economy to climate change and harness opportunities arising	SPD - v		
		No SPD - v		
<b>4. Provide access to meet people's needs with least damage to communities and the environment</b>				
4.1	Increase choice of method of travel	SPD - o	No explicit reference to this objective. However sustainable modes will reduce impact of traffic and air quality on development	
		No SPD - v		
4.2	Reduce the need/ desire to travel by car	SPD - o	No explicit reference to this objective	
		No SPD - v		
4.3	Help everyone access basic services easily, safely and affordably	SPD - o	No explicit reference to this objective	
		No SPD -v		

4.4	Make public transport, cycling and walking easier and more attractive	SPD – o	No explicit reference to this objective	
		No SPD - ✓		
<b>5. Maintain and improve environment quality and assets</b>				
5.1	Protect and enhance habitats and species (taking account of climate change).	SPD – o	No explicit reference to this objective	
		No SPD - ✓		
5.2	Promote the conservation and wise use of land.	SPD – o	No explicit reference to this objective	
		No SPD – ✓		
5.3	Protect and enhance landscape and townscape.	SPD – o	No explicit reference to this objective	
		No SPD – ✓		
5.4	Value and protect diversity and	SPD – o	No explicit reference	

	local distinctiveness including rural ways of life.	No SPD – v		
5.5	Maintain and enhance cultural and historical assets.	SPD -	No explicit reference to this objective	
		No SPD - v		
5.6	Reduce vulnerability to flooding and sea level rise (taking account of climate change).	SPD – o	No explicit reference to this objective	
		No SPD – v		
<b>6. Minimise consumption of natural resources</b>				
6.1	Reduce non-renewable energy consumption and “greenhouse emissions”.	SPD - v	Principle requires commitment to Code for Sustainable Homes level 4 or BREEAM ‘very good’, or explanation of how proposals outperform building regulations	
		No SPD - v	Reference to air quality and noise pollution	
6.2	Keep water consumption within local carrying	SPD - x	No explicit reference to this objective	

	capacity limits (taking account of climate change).	No SPD - ✓		
6.3	Minimise consumption and extraction of minerals.	SPD - x	No explicit reference to this objective	
		No SPD - ✓		
6.4	Reduce waste not put to any use.	SPD - x	No explicit reference to this objective	
		No SPD - ✓		
6.5	Minimise land, water, air, light, noise, and generic pollution.	SPD - x	Impacts on local air quality and noise impacts Orientation of buildings	
		No SPD - ✓		
<b>Overall commentary/ key recommendations.</b> This section is focused toward bringing good health outcomes and addressing the specific issues of noise and air quality impacts arising from development and the impact of motorways on development. Difficulty with current BldgReg status and future changes				

**Objective 8 Utilities, Waste, Energy and Climate Change Adaptation**

	SA Objective	Rating	Comments on Draft SPD	Mitigation/SA Recommendation
<b>1. Improve health</b>				
1.1	Improve health	SPD – o	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD - v		
1.2	Reduce health inequalities	SPD – o	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD - v		
1.3	Promote healthy lifestyles, especially routine daily exercise	SPD – o	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD - v		
<b>2. Support communities that meet peoples needs</b>				
2.1	Help make suitable housing available and affordable for everyone	SPD - ?	No explicit reference to this objective,	Ref building regs& need for post 2016 approach
		No SPD - v		

2.2	Give everyone access to learning, training, skills and knowledge	SPD - o	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD - v		
2.3	Reduce crime and fear of crime	SPD - o	No explicit reference to this objective	Ref building regs& need for post 2016 approachand/ or 'Design Out Crime' in principles
		No SPD - v		
2.4	Promote stronger, more vibrant communities	SPD - ?	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD - v		
2.5	Increase access to, and participation in, cultural activities	SPD - o	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD - v		
<b>3. Develop the economy in ways that meet people's needs</b>				
3.1	Give everyone in the district access to satisfying work opportunities, paid or unpaid	SPD - o	No explicit reference to this objective	n/a
		No SPD - v		

3.2	Help everyone afford a comfortable standard of living	SPD – o	No explicit reference. The Draft SPD contains a principle that requires consideration is given to potential suitability for district heat and other power networks	Ref building regs& need for post 2016 approach
		No SPD – v		
3.3	Reduce poverty and income inequality	SPD – o	No explicit reference to this objectiveThe Draft SPD contains a principle that requires consideration is given to potential suitability for district heat and other power networks	Ref building regs& need for post 2016 approach
		No SPD – v		
3.4	Meet local needs locally	SPD – o	No explicit reference to this objective	n/a
		No SPD – v		
3.5	Increase the circulation of wealth within the area	SPD – o	No explicit reference to this objective	n/a
		No SPD – v		
3.6	Reduce the vulnerability of the economy to climate change and harness opportunities arising	SPD - v	No explicit reference to this objective The Draft SPD contains a principle that requires consideration is given to potential suitability for district heat and other power networks	Ref building regs& need for post 2016 approach
		No SPD – v		
<b>4. Provide access to meet people’s needs with least damage to communities and the environment</b>				
4.1	Increase choice of method of travel	SPD – o	No explicit reference to this objective	Ref building regs& need for post 2016 approach

		No SPD - ✓		
4.2	Reduce the need/ desire to travel by car	SPD – 0	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD - ✓		
4.3	Help everyone access basic services easily, safely and affordably	SPD – 0	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD - ✓		
4.4	Make public transport, cycling and walking easier and more attractive	SPD – 0	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD - ✓		
<b>5. Maintain and improve environment quality and assets</b>				
5.1	Protect and enhance habitats and	SPD – 0	No explicit reference to this objective	

	species (taking account of climate change).	No SPD - ✓		
5.2	Promote the conservation and wise use of land.	SPD – 0	No explicit reference to this objective	
		No SPD – ✓		
5.3	Protect and enhance landscape and townscape.	SPD – 0	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD – ✓		
5.4	Value and protect diversity and local distinctiveness including rural ways of life.	SPD – 0	No explicit reference	
		No SPD – ✓		
5.5	Maintain and enhance cultural and historical assets.	SPD -	No explicit reference to this objective	
		No SPD - ✓		

5.6	Reduce vulnerability to flooding and sea level rise (taking account of climate change).	SPD – o	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD – v		
<b>6. Minimise consumption of natural resources</b>				
6.1	Reduce non-renewable energy consumption and “greenhouse emissions”.	SPD - v		Ref building regs& need for post 2016 approach
		No SPD - v		
6.2	Keep water consumption within local carrying capacity limits (taking account of climate change).	SPD - x	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD - v		
6.3	Minimise consumption and extraction of minerals.	SPD - x	No explicit reference to this objective	
		No SPD - v		

6.4	Reduce waste not put to any use.	SPD - x	Ref waste strategy and need to consider recycling on site	Ref building regs& need for post 2016 approach
		No SPD - ✓		
6.5	Minimise land, water, air, light, noise, and generic pollution.	SPD - x	No explicit reference to this objective	Ref building regs& need for post 2016 approach
		No SPD- ✓		
<p><b>Overall commentary/ key recommendations.</b> This section is focused toward bringing about renewable and low-carbon networks for power, heat and water and managing waste. It also discusses the approach to utilities management. The majority of SA objectives have been appraised as ‘not applicable’. Those that are, predominantly those SA objectives that aim to minimise the consumption of natural resources, currently go no further than higher level policy.</p>				

