

Strategic Environmental Assessment

Scoping Report for:

Bartestree with Lugwardine Neighbourhood Area

March 2022



Consultation on the Scoping Report

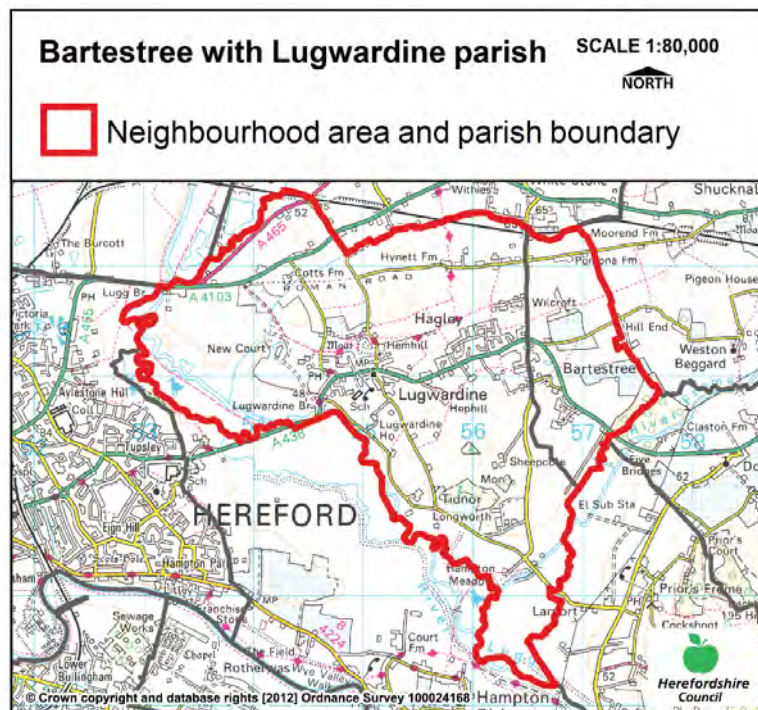
The aim of the consultation process is to involve and engage with statutory consultees and other relevant bodies on the scope of the appraisal. In particular, it seeks to:

- Ensure the SEA is both comprehensive and sufficiently robust to support the Neighbourhood Development Plan during the later stages of full public consultation;
- Seek advice on the completeness of the plan review and baseline data and gain further information where appropriate;
- Seek advice on the suitability of key sustainability issues;
- Seek advice on the suitability of the sustainability objectives.

Comments on this Scoping Report have been invited from the three consultation bodies as required by the SEA regulations, together with Natural Resources Wales.

The three consultation bodies are as follows:

1. Natural England;
2. Historic England;
3. Environment Agency.



Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s)	Implications for the NDP and SEA
The EC Conservation of Habitats and Species Regulations	European Union Legislation	2010	These regulations transpose the Habitats Directive in England, Wales and to a limited extent Scotland by ensuring that activities are carried out in accordance with the Habitats Directive, which is to protect biodiversity through the conservation of natural habitats and species of wild flora and fauna.	The Regulations make it an offence (subject to exceptions) to deliberately capture, kill, disturb, or trade in the animals listed in Schedule 2, or pick, collect, cut, uproot, destroy, or trade in the plants listed in Schedule 4. However, these actions can be made lawful through the granting of licenses by the appropriate authorities.	<ul style="list-style-type: none"> Biodiversity Cultural heritage and the landscape 	The Neighbourhood Plan should be compliant with all the relevant legislation and regulations.
The EC Water Framework Directive	European Union	2000	Commits all EU member states to achieve good qualitative and quantitative status of all water courses by 2015.	Aims for 'good status' for all ground and surface waters (rivers, lakes, transitional waters, and coastal waters) in the EU	<ul style="list-style-type: none"> Water 	The Neighbourhood Plan should be compliant with all the relevant legislation and regulations.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s)	Implications for the NDP and SEA
The Wildlife and Countryside Act (1981)	Domestic Legislation	1981	The major legal instrument for wildlife protection in Britain, although other significant acts have been passed since. It has numerous parts and supplementary lists and schedules many of which have been amended since publication.	The principle mechanism for the legislative protection of wildlife in Great Britain.	<ul style="list-style-type: none"> • Biodiversity • Cultural heritage and the landscape • Flora and fauna • Material assets • Soil 	The Neighbourhood Plan should be compliant with all the relevant legislation and regulations.
The Countryside and Right of Way Act (2000)	Domestic Legislation	2000	Creates a statutory right of access on foot to certain types of open land, to modernise the public rights of way system, to strengthen nature conservation legislation, and to facilitate better management of AONBs.	<p>The Act provides for a new right of access on foot to areas of open land comprising: Mountain (land over 600 metres); Moorland; Heath; Downland; Registered common land.</p> <p>There are provisions to consider extending the right in the future to coastal land, but not woodland despite some early publicity suggesting this.</p>	<ul style="list-style-type: none"> • Biodiversity • Cultural heritage and the landscape • Flora and fauna • Material assets • Soil 	The Neighbourhood Plan should be compliant with all the relevant legislation and regulations.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s)	Implications for the NDP and SEA
The Natural Environment and Rural Communities Act (2006)	Domestic Legislation	2006	Designed to help achieve a rich and diverse natural environment and thriving rural communities through modernised and simplified arrangements for delivering Government policy.	Provides that any public body or statutory undertaker in England and Wales must have regard to the purpose of conservation of biological diversity in the exercise of their functions.	<ul style="list-style-type: none"> • Biodiversity • Cultural heritage and the landscape • Flora and fauna • Material assets • Soil 	The Neighbourhood Plan should be compliant with all the relevant legislation and regulations.
Revised EU Sustainable Development strategy	EU Strategy.	2009	Sets out a single strategy on how the EU will better meet its long-standing commitment to meet the challenges of sustainable development.	Recognises the need to gradually change current unsustainable consumption and production patterns and move towards a better integrated approach to policy making. The Strategy sets overall objectives, targets and concrete actions for seven key priority challenges, predominantly environmental.	<ul style="list-style-type: none"> • Air • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population • Soil • Water 	The NDP should take account of the objectives of the strategy, making the aim of sustainable development an integral part of its proposals.

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Biodiversity 2020: A strategy for England's wildlife and ecosystem services	National Strategy	2011	Forms part of the UK's Post-2010 Biodiversity Framework by setting out England's contribution towards the UK's commitments under the United Nations Convention of Biological Diversity.	Sets out to halt overall biodiversity loss, support healthy well-functioning ecosystems and establish coherent ecological networks, with more and better places for nature for the benefit of wildlife and people.	<ul style="list-style-type: none"> • Biodiversity 	The NDP should take account of the provisions of the strategy, making the most of opportunities to enhance wildlife habitats or restore degraded ecosystems in the process.
National Planning Policy Framework (NPPF)	National Planning Policy.	2021	Consolidates the suite of PPG/PPS into one succinct planning policy document.	Aims to make the planning system less complex, more accessible and able to promote growth within the ethos of sustainable development. The presumption is in favour of sustainable development.	<ul style="list-style-type: none"> • Air • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population • Soil • Water 	The guidance contained within the section on Neighbourhood Planning should be borne in mind during the preparation of the NDP.

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Planning Practice Guidance	Government Guidance	2022	Provides guidance to local planning authorities and others on the operation of the planning system.	Offers up-to-date, electronic guidance on every aspect of planning from air quality and design to land stability and rural housing.	<ul style="list-style-type: none"> • Air • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population • Soil • Water 	The NDP must be pro-growth and facilitate the provision and development of sustainable development.
Herefordshire Core Strategy 2011-2031	Development Plan Document (DPD)	2015	Sets out the vision, objectives and policies for the Herefordshire Local Plan (Core Strategy), which will guide development across the county up to 2031.	Outlines the emerging suite of countywide planning policies relating to housing, economic development and the environment, which the NDP will need to be in conformity with where relevant.	<ul style="list-style-type: none"> • Air • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population • Soil • Water 	<p>The NDP should take account of relevant policies set within the Core Strategy.</p> <p>Where necessary, the NDP should provide services, facilities and employment opportunities that are</p>

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				<p>The Pre Submission Core Strategy includes a range of objectives, five of which directly relate to rural areas:</p> <ul style="list-style-type: none"> • To meet the housing needs of all sections of the community • To improve access to services in rural areas • To strengthen the economic viability of the villages and their rural hinterlands • To achieve sustainable communities and protect the environment • To conserve, promote, utilise and enjoy our natural, built, historic and cultural assets for the fullest benefit of the whole community <p>To achieve a thriving rural Herefordshire, the Core Strategy seeks to enhance the role the villages have</p>		<p>accessible to both local and neighbouring communities.</p> <p>April 2021 proportionate housing growth figures for Bartestree with Lugwardine are;</p> <p>Completed:153 Commitments:17 Residual housing to find: -18</p>

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				<p>traditionally played in as accessible, sustainable centres for their rural catchments.</p> <p>Seeks proportional growth of up to 18% in Bartestree with Lugwardine(Hereford HMA) over the plan period,</p>		
Herefordshire Local Transport Plan (LTP) 2016- 2031	Corporate	2016	Sets out the Council's strategy for supporting economic growth, social inclusion and reducing the environmental impacts of transport, as well as the program of investment for the period April 2013 to April 2015.	The document includes three key objectives, one of which seeks to maintain access for rural residents and people without access to a car. Intrinsic to this is the retention of a 'core network' of bus services which focus on journeys between Hereford and the market towns, along with main transport corridors close to larger rural settlements. To this end, the strategy aims to increase the number of bus users by 1.3% (4,700 journeys) by 2015.	<ul style="list-style-type: none"> • Air • Climatic factors • Population 	<p>The LTP does not explore current transport issues in the Bartestree and Lugwardine Group Plan neighbourhood area.</p> <p>But any new development proposed through the NDP should seek to reduce the environmental impacts of transport.</p>

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s)	Implications for the NDP and SEA
Herefordshire Economic Development Strategy 2011-2016	Corporate	2011	Aims to increase the economic wealth of Herefordshire by setting out proposals and to support business growth up to 2016.	<p>The document outlines the path and direction to foster economic vitality within Herefordshire. Key objectives therefore include:</p> <ul style="list-style-type: none"> • Sustaining business survival and growth • Increasing wage levels, range and quality of jobs • Having a skilled population to meet future work needs • Developing the county's built infrastructure so enterprise can flourish. 	<ul style="list-style-type: none"> • Cultural heritage • Material assets • Population 	None of merit.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s)	Implications for the NDP and SEA
Herefordshire Employment Land Study	Evidence	2012	Includes employment land assessments for the plan period 2011-2031. The study includes Quantitative and Qualitative assessments of employment land, assessment of market demand and need, as well as providing forecasts and recommendations for future employment need over the plan period.	<p>This study covers existing employment sites in Hereford, the five market towns and their rural hinterlands.</p> <p>There are no employment land allocations within Bartestree with Lugwardineat present and so the study does not identify sites which are worthy of continued protection from alternative uses. Nor does it make any recommendations in respect of employment need within the neighbourhood area.</p>	<ul style="list-style-type: none"> Material assets Population 	None of merit; however it would be appropriate for the NDP to examine employment need locally and determine whether there is any scope for providing employment land and premises.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s)	Implications for the NDP and SEA
Understanding Herefordshire Report	Built and natural environment	2016	<p>Important to understand the place such as the local economy natural and built environment in which people live, learn and work as part of understanding their quality of life</p> <p>Promotion of healthy lifestyle choices.</p> <p>Enable development for economy and housing to required levels.</p> <p>Growth should be supported by sustainable transport measures.</p>	<p>An air quality management plan is in place to tackle this. Destination Hereford project is in place to give locals more sustainable transport options.</p> <p>Sustainable transport measures will also help to promote active lifestyles within Herefordshire.</p>	<p>Improve air quality.</p> <p>Have a more diverse range of transport options.</p>	None of merit.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s)	Implications for the NDP and SEA
Herefordshire Strategic Housing Land Availability Assessment (SHLAA)	Evidence	2015	<p>The SHLAA aims to justify site allocations in plans by:</p> <ul style="list-style-type: none"> Identifying sites which are capable of delivering housing development Assessing sites for their housing potential; and Predicting when a site could be developed for housing. 	<p>In terms of Bartestree with Lugwardine itself, the SHLAA identifies that:</p> <ul style="list-style-type: none"> Penkelly Bartestree Hereford 0.67 site has major issues with highway and water supply, therefore site has no potential. Site HLAA/088/001 and O/Bart/008-Has been identified as a sites that has a high suitability for development. 	<ul style="list-style-type: none"> Air Biodiversity Climatic factors Cultural heritage Flora and fauna Population Soil Water 	<p>The SHLAA assesses the potential availability of land for housing in parts of Bartestree with Lugwardine.</p> <p>The Bartestree with Lugwardine NDP should be informed either by the findings of the SHLAA or a housing land assessment, undertaken in line with Guidance Note 21: Site assessment and allocation sites.</p>

Herefordshire Local Housing Market Assessment (LHMA)	Evidence	2013	Builds on an earlier Strategic Housing Market Assessment (SHMA) developed for Herefordshire and Shropshire. Its purpose is to inform the Local Plan's policies regarding housing need and demand (for market and affordable housing) within each of the 7 Housing Market Areas (HMAs) in Herefordshire between 2011 and 2031.	<p>The LHMA uses 7 HMAs as the geography for presenting data. Bartestree with Lugwardine falls within the Hereford HMA. Here, the study reveals that:</p> <ul style="list-style-type: none"> • Levels of owner occupation are higher on the western side of the city • 58% of households are unable to afford market housing. • There is an annual requirement for 417 affordable dwellings between 2012 and 2017. • Higher proportion of the HMA population is of working age (62%) compared to the county average of (61%). • The proportion of the population above retirement age is slightly below average (19% compared to 22% across Herefordshire) 	<ul style="list-style-type: none"> • Air • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Population • Soil • Water 	<p>The LHMA provides an indication of housing needs and affordability within the Hereford HMA.</p> <p>It provides evidence that could be used to inform policies or market and affordable housing requirements in the NDP.</p> <p>As Bartestree and Lugwardine falls within RA1 policy, development will be proportionate to the rural HMA (Housing Market Areas) characteristics.</p>
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Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s)	Implications for the NDP and SEA
Herefordshire Local Housing Requirements Study	Evidence	2012	Technical assessment of the housing market and potential future local housing requirements which supports planning policy regarding the amount of growth, housing tenure and housing type needed within Herefordshire up to 2031.	<p>The delivery of 5,300 homes in the rural areas would:</p> <ul style="list-style-type: none"> • Support growth in the rural population by 6% • Increase the number of households by 14.5% <p>Forecasts also predict that growth in the population of the rural areas is likely to be primarily through an increase in those aged over 75.</p> <p>Moderate growth is expected in the 30-44 and 60-74 age brackets.</p> <p>The Local Housing Requirements Study therefore anticipates continuing improvements in life expectancy; significant growth is expected of those in their 80s, with the existing population in their 40s and 50s moving into retirement.</p>	<ul style="list-style-type: none"> • Air • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population • Soil • Water 	<p>This study provides an indication of housing requirements in the rural areas and the Hereford HMA.</p> <p>This evidence can be used to inform the content of the Bartestree with Lugwardine NDP which could include policies to facilitate the provision of the right types of homes in the right places</p>

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HMANA Housing Market Area Needs assessment	Evidence	2021	The housing market area needs assessment covers the period 2020 to 2041 and is intended to provide a robust evidence base regarding the need for housing for each of the seven housing market areas across Herefordshire.	<p>The report provides local level outputs on local housing need for the seven HMAs with an urban/rural distinction between each HMA.</p> <p>Applying the standard method in Herefordshire results in a minimum local housing need for 846 homes per annum. This equates to estimated household change in the Hereford Rural area as 150 dwellings per annum.</p>	<ul style="list-style-type: none"> • Air • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population • Soil • Water 	This evidence can be used to inform the housing policies of the Bartestree with Lugwardine NDP which could help create balanced communities and create relevant pathways of choice and to support economic regeneration in these communities.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s)	Implications for the NDP and SEA
Affordable Housing SPD (Supplementary Planning Document)	Evidence	2020	Provides further guidance to support the implementation of the Herefordshire Local Plan Core Strategy policies, in particular SS2 Delivering new homes, H1 Affordable housing - thresholds and targets, H2 Rural exception sites and H3 Ensuring an appropriate range and mix of housing.	<p>The SPD covers a number of detailed matters including: local connections, affordability, viability matters, accessible housing and vacant building credit.</p> <ul style="list-style-type: none"> Requirements for new build, conversions and mixed use schemes; (where the threshold of 10 dwellings will be exceeded unless the proposal is for more than 10 units but below 1000sqm. Phased developments where the threshold of 10 dwellings with a floor space of 100 sqm will be exceeded by cumulative totals. 	<ul style="list-style-type: none"> Air Biodiversity Climatic factors Cultural heritage Flora and fauna Material assets Population Soil Water 	This evidence can be used to inform the housing policies of the Bartestree with Lugwardine NDP, including affordable housing requirements.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s)	Implications for the NDP and SEA
Herefordshire Rural Housing Background Report	Evidence	2013	Provides the justification for the proportional housing growth targets outlined in the Core Strategy	The villages within the neighbourhood area are listed among the settlements which are considered to be sustainable locations for growth of up to 18%, in accordance with the EiP outcome.	<ul style="list-style-type: none"> • Air • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population • Soil • Water 	The Bartestree with Lugwardine NDP will need to be in general conformity with the provisions of Local Plan policies concerning the rural areas.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s)	Implications for the NDP and SEA
Herefordshire Traveller's sites DPD	Evidence	2019	Assesses the accommodation needs of Gypsies and Travellers across Herefordshire.	Key findings from the DPD. In Herefordshire there are a number of small privately owned traveller sites and larger sites that are managed by Herefordshire Council. The private sites varying size with small sites of 1-5 pitches typically being occupied by a single, extended family. In total there are 133 authorised pitches across the county. In addition to this there are 10 Travelling Show people plots in Ross on Wye. No sites have been allocated in the Pyons Group neighbourhood area.	<ul style="list-style-type: none"> • Air • Biodiversity • Climate factors • Cultural heritage and the landscape • Flora and fauna • Material assets • Population and human health • Soil • Water 	None of merit.
Herefordshire Local Biodiversity Action Plan	Evidence	2007	Focuses conservation efforts on the areas within Herefordshire that will result in the greatest benefit for ecological networks, habitats and species.	Integrating biodiversity objectives with other environmental, social and economic needs can provide a sustainable living and working environment that benefits both people and nature.	<ul style="list-style-type: none"> • Biodiversity 	The Bartestree with Lugwardine NDP can help to achieve the priorities set within the LBAP.

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Building Biodiversity into the LDF	Evidence	2009	Provides the Council's Local Plan (Core Strategy) with evidence in respect of biodiversity and geodiversity, identifying both opportunities and constraints across Herefordshire.	Identifies a range of semi-natural habitats and sites which are subject to local designations for their importance to nature conservation. This document provides useful information in respect of Bartestree Quarry which is a regionally important geological site. Lugwardine have a number of veteran trees.	<ul style="list-style-type: none"> • Air • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population • Soil • Water 	There is a lack of information about rural areas which means it will be necessary to gather and assess existing biodiversity and geodiversity data, in order to ensure that the Bartestree with Lugwardine NDP can overcome any existing constraints and capitalise on opportunities to enhance habitats and their networks.
Urban Fringe Sensitivity Analysis	Evidence	2010	Technical Paper which supports the SHLAA by classifying the landscape sensitivity of the urban fringe on the edges of Hereford and the five market towns.	The document provides useful information in respect of Hereford and the market towns only.	<ul style="list-style-type: none"> • Cultural heritage • Flora and fauna 	None of merit.

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Herefordshire Green Infrastructure Strategy	Evidence	2010	Develops a framework of natural and culturally important features and functions so that planning for a sustainable future is at the heart of planning within Herefordshire.	Establishes policies and principles for the protection and enhancement of those features and functions that contributes to the environment of Herefordshire across a range of scales.	<ul style="list-style-type: none"> • Air • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population • Soil • Water 	The study provides evidence that could be taken into account when preparing policies for the Bartestree with Lugwardine NDP.
Renewable Energy Study	Evidence	2010	Assesses the energy demand within Herefordshire and the ability for the county to accommodate renewable and low carbon energy technologies.	<p>The total energy demand excluding transport for Herefordshire, at that point in time, was calculated as being:</p> <ul style="list-style-type: none"> • Electrical: 731 GWh/yr • Heat: 1,810 GWh/yr • Total: 2,541 GWh/yr <p>There is scope for all types of renewable energy production.</p>	<ul style="list-style-type: none"> • Air • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population • Soil • Water 	The study provides evidence that could be taken into account when preparing policies for the Bartestree with Lugwardine NDP.

Herefordshire Playing Pitch Assessment	Evidence	2012	<p>Produces a strategic framework, audit and assessment and needs analysis of outdoor sports pitches and facilities for Herefordshire. The document arises as a result of a recommendation in the Herefordshire and Worcestershire Sports Facilities Framework to develop local standards for playing fields and sports pitches throughout Herefordshire.</p>	<p>The study updates components of the Herefordshire and Worcestershire Sports Facilities Framework 2010 such as updating population forecasts, setting local standards for synthetic turf pitches and grass playing fields within Herefordshire. It identifies any current gaps in provision, and looks forward to 2031 to assess what facilities are likely to be required by that date.</p> <p>In terms of Bartestree and Lugwardine Group parish itself, the study reveals that there is:</p> <ul style="list-style-type: none"> • 3.978 ha of playing pitch area • 3.2 ha of playing pitch area is secured community access. • Village hall playing field, senior football and cricket pitch in Bartestree are both rated as good, and changing facilities as excellent. 	<ul style="list-style-type: none"> • Biodiversity • Cultural heritage • Flora and fauna • Material assets • Population 	None of merit, but there may be local evidence of need for playing pitch provision.
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				<ul style="list-style-type: none">Lugwardine primary school pitch rated excellent. <p>0.77 is not secured by community access (Cricket pitch) as it is not used by the community.</p>		

Open Spaces Study	Evidence	2006	The 2006 space audit and assessment of need is a snapshot of the quality, quantity and distribution of open space across Herefordshire.	<p>The study reveals that within Central Herefordshire, to which Bartestree with Lugwardine is a part, there is:</p> <ul style="list-style-type: none"> • Extensive over provision of parks, gardens and semi-natural green space • Under provision of amenity green space. • Average provision for children and young people. • Extensive under provision for outdoor sport. <p>Within Central Hereford the largest amount of land classified as parks and gardens within Herefordshire, and rated as excellent quality.</p>	<ul style="list-style-type: none"> • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population 	The open space audit and assessment does not give a specific indication of open space shortfalls and surpluses in Bartestree with Lugwardine. However, there may be a need to include a policy which encourages and facilitates the provision of outdoor recreational facilities.
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Play Facilities Study	Evidence	2012	The Play Facilities Study 2012 updates the previous play facilities analysis under the Open Spaces Study 2006 and provides guidance and a framework for the development, delivery and continued sustainability of providing new and improved play facilities for children and young people in Herefordshire to 2031.	<p>In terms of Bartestree and Lugwardine Group itself, the study reveals that the play facilities.</p> <p>Bartestree Frome Park, rated as a medium priority. As the play value is poor, the equipment is over 10 years old and there is a low usage. The course of action is to keep as it is and identify community need for the future.</p> <p>Bartestree village hall course of action is to keep as it is.</p>	<ul style="list-style-type: none"> • Biodiversity • Climatic factors • Cultural heritage • Flora and fauna • Material assets • Population 	Recreation grounds and parks are worthy of continued protection through the NDP.

Strategic Flood Risk Assessment (SFRA) and Water Cycle Study	Evidence	2009	<p>The Strategic Flood Risk Assessment (SFRA) provides a summary of flood risk in Herefordshire to inform the location of future development.</p> <p>The Water Cycle Study (WCS) examines how water resources and water supply infrastructure, wastewater treatment, water quality, sewerage and flood risk could constrain growth across Herefordshire.</p>	<p>Bartestree and Lugwardine area is situated in the Lower Lugg catchment. 3.5% of properties in the Lower Lugg area have a high risk of fluvial flooding. It is in the top five of flood report catchments within the entire county.</p> <p>The Lower Lugg has a 33.4% standard run percentage run off by sub catchment. Potentially moderately unsuitable for infiltration source control.</p> <p>Lower Lugg has a very slow flood response (Tp-time to peak) time at around 11 + hours.</p> <p>The WCS identifies sites in the River Lugg catchment area are principally affected by water resources adverse impacts. It requires an holistic integrated approach to flood risk management.</p> <p>37 sites are further identified which relate to water resources adverse impacts, and of these 32 are within Herefordshire. The lower Lugg (Leominster to</p>	<ul style="list-style-type: none"> • Biodiversity • Climatic factors • Material assets • Population • Water 	<p>New development proposed through the Bartestree with LugwardineNDP should be assessed against the capacity of local infrastructure.</p> <p>Up-to-date flood risk information should be gathered from the Environment Agency, in order to ensure that any flood risks are considered when preparing the Bartestree with LugwardineNDP.</p>
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				Hereford) and the lower Wye (Hereford to Monmouth) are principally affected, and also the River Wye at Hereford		
Bartestree and Lugwardine Parish Plan	Evidence – local document	2014	Presents the broadly agreed wishes, likes, dislikes & intentions of members of the Parish. It recommends to the Parish Council what should be done & provides information for the Herefordshire Council on local housing development.	The residents of the Parish wish their views objective on the following topics to be taken into consideration: Housing & Planning; Transport , roads & road safety; Safer communities; Facilities , services & communications; Environment& sustainability; Sport , leisure & learning; Children & young persons	<ul style="list-style-type: none"> • Air • Biodiversity • Climate factors • Cultural, heritage and landscape • Flora and fauna • Material assets • Population & human health 	The Plan provides evidence that could be taken into account when preparing policies for the Bartestree and Lugwardine Group NDP.

Appendix A2 – Baseline information for Bartestree with Lugwardine Group

N.B. This is based on countywide baseline information with some additions relevant to Bartestree with Lugwardine Group (in red). Where no locally specific data is available for current status, trends and targets, only countywide data is reported. Any gaps in data may be filled following additional research.

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
SEA Topic covered by objective: <i>Biodiversity, flora and fauna</i>							
13. Value, maintain, restore or expand county biodiversity.	Natural environment	Net change in condition of SSSIs across Herefordshire.	<p>Current status of local SSSIs:</p> <ul style="list-style-type: none"> River Lugg (Unfavourable recovering/unfavourable/declining) Lugg and Hampton Meadows – favourable 	<p>Percentage of SSSI land in favourable condition.</p> <p>2006: 22% 2007: 22% 2008: 22% 2010: 24% 2011: 27%</p> <p>Proportion of SSSI land that was in unfavourable condition but recovering increased between 2010 and 2012 going from 41% to 65%.</p> <p>Proportion in unfavourable and declining condition</p>	<p>% of SSSI land in favourable condition (Increase)</p> <p>% of SSSI land in unfavourable condition but recovering (Increase)</p> <p>% of SSSI land in unfavourable condition and declining (Decrease)</p>	<p>Herefordshire's SSSIs are in extremely poor condition relative to England as whole, where 96.1% of all SSSI land was in favourable condition in April 2014.</p> <p>The proportion of SSSI in unfavourable condition but recovering is greater than England as a whole, where the</p>	NE & Defra website (search March 2022).

¹ Derived from the Pre Submission Core Strategy Sustainability Appraisal Assessment (May 2014)

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
				had also decreased from 4% to 1%.		figure currently stands at 58.6%.	
13. Value, maintain, restore or expand county biodiversity.	Natural environment	After use of mineral sites especially wildlife habitat creation.	<i>There is no countywide or locally specific data available at present.</i>	-	Percentage of opportunities taken.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	-
13. Value, maintain, restore or expand county biodiversity.	Natural environment	Phosphate levels within the River Wye SAC and adjoining tributaries that receive increased phosphates from proportional growth.	Bartestree and Lugwardine Neighbourhood area falls just inside the River Wye (including Lugg) SAC. This area is classed as the River Lugg sub Catchment for the purposes of the Nutrient Management Plan. The River Lugg was found to be failing its "favourable condition" status because of high levels of phosphates, and although the Wye was still within its required status there was growing concern that wastewater	Collaborative working between Herefordshire Council and Powys County Council, NE, EA, and NRW enabled the development of a NMP for these two rivers. This collaborative approach has continued with the establishment of a NMB includes the Wye and Usk Foundation, Welsh Water, Farm Herefordshire, the NFU and the CLA to help bring	The roll out of the Nutrient Management Plan will determine future targets.	New development within the area could lead to the water quality failing the phosphate levels and conservation objectives.	Nutrient Management Plan 2021

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
			discharges, and especially phosphates, arising from planned future development would ultimately lead to deterioration in water quality.	forward actions to implement the NMP. Implementing this will ensure the River Wye maintains its favourable condition status and the River Lugg retains this status with a target date of 2027, this means reducing the average phosphate load in the rivers to less than 0.05mg/l.			

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
13. Value, maintain, restore or expand county biodiversity.	Natural environment	Changes to protected habitats and impacts of species within the Herefordshire Local Biodiversity Action Plan.	The 2011-2013 AMR does not contain updated conservation data. <i>There is no locally specific data available at present.</i>	2010/11: 17 Habitat Action Plans and 14 Species Action Plans are currently in operation across Herefordshire. There are no formal records of any unacceptable adverse impacts on habitats or protected species. <i>Originally 156 Priority Species were identified for inclusion in Herefordshire's LBAP.</i> <i>Similarly Herefordshire's LBAP covered 23 habitats with Action Plans.</i>	To protect or enhance the habitats of species identified. Zero net loss of habitats.	Herefordshire Biological Records Centre (HBRC) holds limited data on some individual sites.	Herefordshire Council AMR (2018/19)

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
13. Value, maintain, restore or expand county biodiversity.	Natural environment	Changes in the areas of designated nature conservation sites as a consequence of planning permission.	Bartestree with Lugwardine has: SSSI: 2 SWS: 1 RIGS:1 River Wye (Including River Lugg) SAC. There are no NNRs, SINC's and LNRs within the parish group.	As of 2012, there had been no change in the areas of designated nature conservation sites as a consequence of the planning permissions granted.	To capitalise on opportunities to enhance the areas of value to nature conservation.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	NDP SEA/HRA Screening Notification Report (February 2022)
13. Value, maintain, restore or expand county biodiversity.	Natural environment	Proportion of local sites where positive conservation management has or is being implemented.	The Parish Area has the following landscape types: Principal settled farmlands; settled farmlands on River Terrace	-	No specific targets identified.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	Herefordshire Landscape Character Assessment (2004; updated 2009).

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
SEA Topic covered by objectives: <i>Material assets</i>							
14. Use natural resources and energy more efficiently.	Resource consumption and climate change	Maintaining Herefordshire Council's County Site and Monuments Register.	Countywide data would be too large to incorporate into this template. <i>Whilst there is no locally specific data available at present, there are numerous archaeological and historic sites in Bartestree with Lugwardine according to the latest version of the register.</i>	-	No specific targets identified, but need to ensure that the register is kept up to date.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	Herefordshire Environmental Records Register (search Feb 2022).
14. Use natural resources and energy more efficiently.	Resource consumption and climate change	Monitoring changes to historic landscapes.	<i>Rapid Townscape Assessments (2010) were only undertaken for Hereford, Ledbury and Ross.</i> <i>Urban Fringe Sensitivity Analysis (2010) only considers sites on the urban fringe of Hereford and the five market towns.</i>	-	No specific targets identified.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	-

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
SEA Topic covered by objective: <i>Population, Biodiversity, Flora and Fauna</i>							
15. Value, protect, enhance or restore the landscape quality of Herefordshire, including its rural areas and open spaces.	Natural environment	Number of developments meeting and surpassing national design standards.	<i>There is no countywide or locally specific data available at present.</i>	-	No specific targets identified.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	Rapid Townscape Assessments (2010) Urban Fringe Sensitivity Analysis (2010)
15. Value, protect, enhance or restore the landscape quality of Herefordshire, including its rural areas and open spaces.	Natural environment	The need for, frequency and outcomes of planning enforcement investigations/ planning appeals concerning the aspects of local loss of locally important buildings within a conservation area.	Countywide data would be too large to incorporate into this template. There are no outstanding enforcement actions or appeals concerning local loss of heritage assets and locally important buildings within Bartestree and Lugwardine at present.	No historic records of any planning enforcement action or appeals concerning locally important buildings within the one conservation area..	To maintain or enhance current status.	Current status must be verified by Dvt Mgt and Enforcement Officers.	Council Dvt Mgt records (searched Feb 2022)

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
SEA Topic covered by objective: <i>Climatic Factors</i>							
16. Reduce Herefordshire's vulnerability to the impacts of climate change as well as its contribution to the problem.	Resource consumption and climate change.	Transport patronage by mode.	<p>% of Herefordshire residents who travel to work by:</p> <p>Car: 70.1% Foot: 14.7% Bicycle: 4.3% Bus: 2% Train: 0.8% Motorbike: 0.8% Taxi: 0.3% Other: 7%</p> <p><i>There is no locally specific data available at present.</i></p>	The number of people cycling or travelling by bus as the main form transport to get to work declined between 2001 and 2011 – across England and Wales there was little change in either. Walking or driving a car or van on the other hand increased.	To increase the take up of less polluting forms of transport.	There are a lack of transport options for many rural communities and therefore high car ownership and dependency – the last decade has seen a 15 per cent increase in household car ownership, although this is not reflected in traffic flows of recent years with volumes in Hereford City and wider county having decreased. The proportion of people working from home increased over the decade from 15 per cent in 2001 to 17 per cent in 2011.	2011 Census

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
16. Reduce Herefordshire's vulnerability to the impacts of climate change as well as its contribution to the problem.	Resource consumption and climate change.	Number of decentralised energy schemes granted permission.	<i>There is no countywide or locally specific data available at present.</i>	-	To contribute towards the national target.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	-

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
16. Reduce Herefordshire's vulnerability to the impacts of climate change as well as its contribution to the problem.	Resource consumption and climate	Total CO2 emissions per capita	<p>Latest figure dates back to 2010: 1.61 million tonnes (mtCO²)</p> <p><i>There is no locally specific data available at present.</i></p>	<p>Between 2005 and 2010 Herefordshire's total and per capita carbon emission reduced by 7% and 8% respectively; while UK's total and per capita carbon emission reduced by 8% and 12% respectively within the same period. This trend hides an increase in emissions between 2009 and 2010 when total emissions in the county increased by 5% the same as across the UK (+5%).</p>	To reduce the overall carbon emissions.	CO ² emissions produced are decreasing.	Understanding Herefordshire: An integrated needs assessment (June 2013).

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
SEA Topic covered by objective: <i>Water</i>							
17. Reduce the risk of flooding and the resulting detriment to public wellbeing, the economy and the environment.	Natural environment	Number of planning permissions granted contrary to the advice of the Environment Agency on flood defence grounds.	The 2011-2013 AMR does not contain updated conservation data. <i>There is no locally specific data available at present.</i>	2010/11: None There have been no approvals contrary to EA advice since reporting began in 2004.	To have no applications permitted contrary to EA advice.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	Herefordshire Council AMR (2018/2019)
SEA Topic covered by objective: <i>Water, air, soil, material assets</i>							
18. Minimise local and global pollution and protect or enhance environmental resources.	Natural environment	Agricultural land usage by quality	<i>There is no countywide data available at present. The agricultural land classification around Bartestree and Lugwardine Parish is mainly Grades 2 and 3 (Very good to Moderate). However within the south of the parish there is Grade 1 and Grade 4 land.</i>	-	Measure the number of hectares of best and most versatile soil lost through development.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	<i>West Midland ALC Map (Natural England 2011).</i>

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
18. Minimise local and global pollution and protect or enhance environmental resources.	Natural environment	Percentage of river length assessed as good or very good chemical quality and ecological quality as required by the Water Framework Directive.	Latest figure dates back to 2005: 84% <i>There is no locally specific data available at present.</i>	Figure steadily improved before going into decline: Herefordshire 1999 85.9%, 2000 89.5%, 2001 92.2%, 2002 91.8%	To ensure that rivers meet their conservation objectives and do not fall below the required standard of quality.	None identified.	The State of Herefordshire Report (2007) Water Framework Directive (2000)
SEA Topic covered by objective: <i>Soil</i>							
19. Ensure integrated, efficient and balanced land use.	Built environment	Percentage of all new development completed on previously developed land.	2011/13: 57% <i>There is no locally specific data available at present.</i>	2010/11: 67% Completions on PDL had risen to 71% by 2005.	To increase the number of homes built on PDL in line with the provisions of national planning policy.	The number of brownfield completions has fallen slightly in recent years, though this is probably the offshoot of tough market conditions.	Herefordshire Council AMR (2011/13)
19. Ensure integrated, efficient and balanced land use.	Built environment	Housing densities in urban and rural areas	<i>There is no countywide or locally specific data available at present.</i>	-	No specific targets identified.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	-

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
19. Ensure integrated, efficient and balanced land use.	Built environment	Level of development in urban areas compared to rural.	<i>There is no countywide or locally specific data available at present.</i>	-	No specific targets identified.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	-
SEA Topic covered by objective: <i>Cultural heritage</i>							
20. Value, protect or enhance the character and built quality of settlements and neighbourhoods and the county's heritage assets, historic environment and cultural heritage.	Built environment	Number and percentage of listed buildings and Scheduled Ancient Monuments on Buildings at Risk Register (English Heritage).	The 2011-2013 AMR does not contain updated conservation data. There are numerous listed buildings within the parish and two SAMs. None are currently recorded in the Buildings at Risk Register.	In 2011, there were 58 heritage assets in Herefordshire that were considered to be at high risk and included in the Heritage at Risk Register.	To maintain or enhance current status.	None of Bartestree with Lugwardine listed buildings or SAMs are considered to be at risk at present.	Buildings at Risk Register (Historic England ; searched Feb 2022)

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
20. Value, protect or enhance the character and built quality of settlements and neighbourhoods and the county's heritage assets, historic environment and cultural heritage.	Built environment	The need for, frequency and outcomes of planning enforcement investigations/ planning appeals concerning the aspects of local loss of heritage assets, locally important buildings across the Parish and particularly within a conservation area.	Countywide data would be too large to incorporate into this template. There are no outstanding enforcement actions or appeals concerning of local loss of heritage assets, locally important buildings within the parish and particularly within a conservation area within Lugwardine at present	No historic records of any planning enforcement action or appeals concerning locally important buildings within the conservation areas.	To maintain or enhance current status.	Current status must be verified by Dvt Mgt and Enforcement Officers.	Council Dvt Mgt records (searched Feb 2022)

Appendix A3 – Environmental issues identified from the Bartestree with Lugwardine baseline

These environmental issues are the same as most of those identified for the Herefordshire Core Strategy

SEA Topic		Environmental issue	SA objectives
1	Air	High reliance upon the private car causing high levels of air pollution and in Hereford in particular	Objective 16
		Need to reduce carbon emissions by encouraging less polluting forms of transport.	
2	Biodiversity	Habitats and species of national, regional and local importance are under pressure from the adaptation and diversification of farming and forestry employment.	Objectives 13 & 15
		Minimise loss of biodiversity and expand opportunities for wildlife everywhere.	
3	Climatic factors	Reduce greenhouse gas emissions through planning, design and build.	Objective 16
4	Cultural heritage	Bartestree and Lugwardine has numerous Scheduled Ancient Monuments and listed buildings, all of which require ongoing protection and many in need of high levels of maintenance.	Objective 20
5	Flora and fauna	Conserve and enhance the character and quality of historic landscapes, including all types of natural flora and fauna.	Objective 15
6	Material assets	How the countryside can continue to be managed in an economically, socially and environmentally beneficial way in the face of continuing pressures on traditional farming.	Objectives 14 & 18
7	Population	Minimise energy waste through good designs, which help to reduce energy consumption and maximise efficiency.	Objective 15
		Need to avoid enforcement investigations/action concerning locally important buildings and those within conservation areas in particular.	
8	Soil	Promoting development of previously developed land and buildings as opposed to greenfield sites or agricultural land of the highest quality.	Objectives 18 & 19
9	Water	Issues relating to availability of resources, foul drainage, pollution, and abstraction in a county which supports water dependent biodiversity of international and national importance, given the predicted climate change consequences for water availability and demanding projections for new housing.	Objectives 17 & 18
		Steady decline in the chemical quality of rivers over the last 10 years.	

Appendix A4 – SEA framework (objectives, indicators and targets)

SEA Topic(s)	SEA Objective(s)	SA Objective(s)	Sub-objectives/Appraisal Questions	Indicators	Targets
Air	<ul style="list-style-type: none"> To improve air quality. To reduce the effect of traffic on the environment 	<ul style="list-style-type: none"> Minimise local and global pollution and protect or enhance environmental resources. 	<ul style="list-style-type: none"> Minimise water, air, soil, groundwater, noise and light pollution from current activities and the potential for such pollution. Protect or enhance the quality of watercourses. Provide opportunities to improve soil quality or reduce contaminated land. 	Transport patronage by mode.	To increase the take up of less polluting forms of travel.
Biodiversity, Flora and fauna	<ul style="list-style-type: none"> To maintain or enhance nature conservation (biodiversity, flora and fauna) 	<ul style="list-style-type: none"> Value, maintain, restore or expand county biodiversity. Value, protect, enhance or restore the landscape quality of Herefordshire, including its rural areas and open spaces. 	<ul style="list-style-type: none"> Protect or enhance habitats of international, national, regional or local importance. Protect international, national, regional or locally important terrestrial or aquatic species. Maintain wildlife corridors and minimise fragmentation of ecological areas and green spaces. Manage access to sites in a sustainable way that protects or enhances their nature conservation value. 	Net change in condition of SSSIs across Herefordshire.	<ul style="list-style-type: none"> % of SSSI land in favourable condition (Increase) % of SSSI land in unfavourable condition but recovering (Increase) % of SSSI land in unfavourable condition and declining (Decrease)
				After use of mineral sites especially wildlife habitat creation.	No specific targets identified.

SEA Topic(s)	SEA Objective(s)	SA Objective(s)	Sub-objectives/Appraisal Questions	Indicators	Targets
			<ul style="list-style-type: none"> • Create new appropriate habitats. • Value, enhance and protect natural environmental assets including AONB's, historic landscapes, open spaces, parks and gardens and their settings • Encourage local stewardship of local environments, for example by promoting best practices in agricultural management. • Ensure that environmental impacts caused by mineral operations and the transport of minerals are minimised. • Promote the use of rural areas and open space by all, encourage easy non-car based access, and accommodate the needs of disabled users. 	Phosphate levels within the River Wye SAC and adjoining tributaries that receive increased phosphates from proportional growth.	The roll out of the Nutrient Management Plan will determine future targets
				Changes to protected habitats and impacts of species within the Herefordshire Local Biodiversity Action Plan.	To ensure that the amount of land covered by traditional orchards does not decline further.
				Changes in the areas of designated nature conservation sites as a consequence of planning permission.	To capitalise on opportunities to enhance the areas of value to nature conservation.
				Proportion of local sites where positive conservation management has or is being implemented.	The number of local sites under positive conservation management (Increase).

SEA Topic(s)	SEA Objective(s)	SA Objective(s)	Sub-objectives/Appraisal Questions	Indicators	Targets
Climatic factors	<ul style="list-style-type: none"> To reduce contributions to climate change To reduce vulnerability to climate change 	<ul style="list-style-type: none"> Reduce Herefordshire's vulnerability to the impacts of climate change as well as its contribution to the problem. 	<ul style="list-style-type: none"> Reduce the county's contribution to climate change by reducing greenhouse gas emissions from transport, domestic, commercial and industrial sources. Increase the proportion of energy generated from renewable and low carbon sources including by micro-generation, Combined Heat and Power (CHP), district heating and in transportation. 	Number of decentralised energy schemes granted permission.	To contribute towards the national target.
				Total CO2 emissions per capita.	To reduce the overall carbon emissions.
Cultural heritage	<ul style="list-style-type: none"> To conserve or enhance the historic environment, heritage assets and cultural heritage. 	<ul style="list-style-type: none"> Value, protect or enhance the character and built quality of settlements and neighbourhoods and the county's heritage assets, historic 	<ul style="list-style-type: none"> Preserve, protect or enhance Conservation Areas, Listed Buildings, archaeological remains, and other features and areas of historical heritage and cultural value e.g. locally listed buildings. 	Number and percentage of listed buildings and Scheduled Ancient Monuments on Buildings at Risk Register (Historic England).	To maintain or enhance current status in Bartestree and Lugwardine.

SEA Topic(s)	SEA Objective(s)	SA Objective(s)	Sub-objectives/Appraisal Questions	Indicators	Targets
		environment and cultural heritage.	<ul style="list-style-type: none"> • Prevent development which is inappropriate in scale, form or design to its setting or to its function or local area. • Encourage development that creates and sustains well-designed, high quality built environments that incorporate green space, encourage biodiversity and promote local distinctiveness and sense of place. • Encourage cleanliness and/or improve the general appearance of the area. 	The need for, frequency and outcomes of planning enforcement investigations/ planning appeals concerning the aspects of local loss of heritage assets, locally important buildings across the Parish and particularly within a conservation area.	To maintain or enhance current status in Bartestree and Lugwardine.
Material assets	<ul style="list-style-type: none"> • To conserve natural and man-made resources. • To improve the quality of surroundings • To maintain or enhance the quality of landscapes and townscapes 	<ul style="list-style-type: none"> • Use natural resources and energy more efficiently. • Minimise local and global pollution and protect or enhance environmental resources. 	<ul style="list-style-type: none"> • Maximise energy efficiency and minimise the consumption of non-renewable energy i.e. from fossil fuels. • Minimise the consumption of water, land, soil, minerals, aggregates and other raw materials by all? E.g. through integrated transport, sustainable resource- 	Maintaining Herefordshire Council's County Site and Monuments Register.	No specific targets identified, but need to ensure that the register is kept up to date.
				Monitoring changes to historic landscapes.	No specific targets identified.

SEA Topic(s)	SEA Objective(s)	SA Objective(s)	Sub-objectives/Appraisal Questions	Indicators	Targets
			<p>efficient design, local sourcing of food, goods, materials.</p> <ul style="list-style-type: none"> • Encourage the re-use/enhancement (to high standards of sustainable resource-efficient design) of existing buildings and minimise the need for new build. • Encourage the use of clean technologies and water minimisation techniques. 	Agricultural land usage by quality	Measure the number of hectares of best and most versatile soil lost through development.
Population	<ul style="list-style-type: none"> • To improve the health and well-being of the population. 	<ul style="list-style-type: none"> • Value, protect, enhance or restore the landscape quality of Herefordshire, 	<ul style="list-style-type: none"> • Value, enhance and protect natural environmental assets including AONB's, historic landscapes, open spaces, parks and gardens and their 	Number of developments meeting and surpassing national design	No specific targets identified.

SEA Topic(s)	SEA Objective(s)	SA Objective(s)	Sub-objectives/Appraisal Questions	Indicators	Targets
		including its rural areas and open spaces.	settings. <ul style="list-style-type: none"> • Encourage local stewardship of local environments, for example by promoting best practices in agricultural management. • Ensure that environmental impacts caused by mineral operations and the transport of minerals are minimised. • Promote the use of rural areas and open space by all, encourage easy non-car based access, and accommodate the needs of disabled users. 	The need for, frequency and outcomes of planning enforcement investigations/ planning appeals concerning the aspects of local loss of locally important buildings within a conservation area.	To maintain or enhance current status in Bartestree and Lugwardine.

SEA Topic(s)	SEA Objective(s)	SA Objective(s)	Sub-objectives/Appraisal Questions	Indicators	Targets
Soil	<ul style="list-style-type: none"> To conserve soil resources and quality 	<ul style="list-style-type: none"> Minimise local and global pollution and protect or enhance environmental resources. Ensure integrated, efficient and balanced land use. 	<ul style="list-style-type: none"> Minimise water, air, soil, groundwater, noise and light pollution from current activities and the potential for such pollution. Provide opportunities to improve soil quality or reduce contaminated land. Ensure new developments are in appropriate locations, optimising the use of previously developed land and buildings, primarily focussed on the urban areas and are accessible by walking, cycling or sustainable transport and/or will increase the share of these transport modes, thereby reducing the need to travel. 	Percentage of all new development completed on previously developed land.	To increase the number of homes built on PDL in line with the provisions of national planning policy.
				Housing densities in urban and rural areas.	No specific targets identified.

SEA Topic(s)	SEA Objective(s)	SA Objective(s)	Sub-objectives/Appraisal Questions	Indicators	Targets
Water	<ul style="list-style-type: none"> To improve water quality To provide for sustainable sources of water supply To reduce, avoid and manage flood risk 	<ul style="list-style-type: none"> Reduce the risk of flooding and the resulting detriment to public well-being, the economy and the environment. Minimise local and global pollution and protect or enhance environmental resources. 	<ul style="list-style-type: none"> Reduce flood risk both presently and taking into account climate change. Prevent inappropriate development of the floodplain, and include flood protection systems. Include sustainable urban drainage systems where appropriate. Minimise water, air, soil, groundwater, noise and light pollution from current activities and the potential for such pollution. Protect or enhance the quality of watercourses. 	Number of planning permissions granted contrary to the advice of the Environment Agency on flood defence grounds.	To have no applications permitted contrary to EA advice.
				Percentage of river length assessed as good or very good chemical quality and ecological quality.	To ensure that rivers meet their conservation objectives and do not fall below the required standard of quality, as set out in the Water Framework Directive.

Appendix 1

Initial Habitat Regulations Assessment and Strategic Environmental Assessment Screening Notification

The Neighbourhood Planning (General) (Amendment) Regulations 2015 (Reg. 32)

Conservation of Habitats and Species Regulations 2010 (d)

Neighbourhood Area:	Bartestree with Lugwardine Neighbourhood Area
Parish Council:	Bartestree with Lugwardine Group Parish Council
Neighbourhood Area Designation Date:	6 September 2012

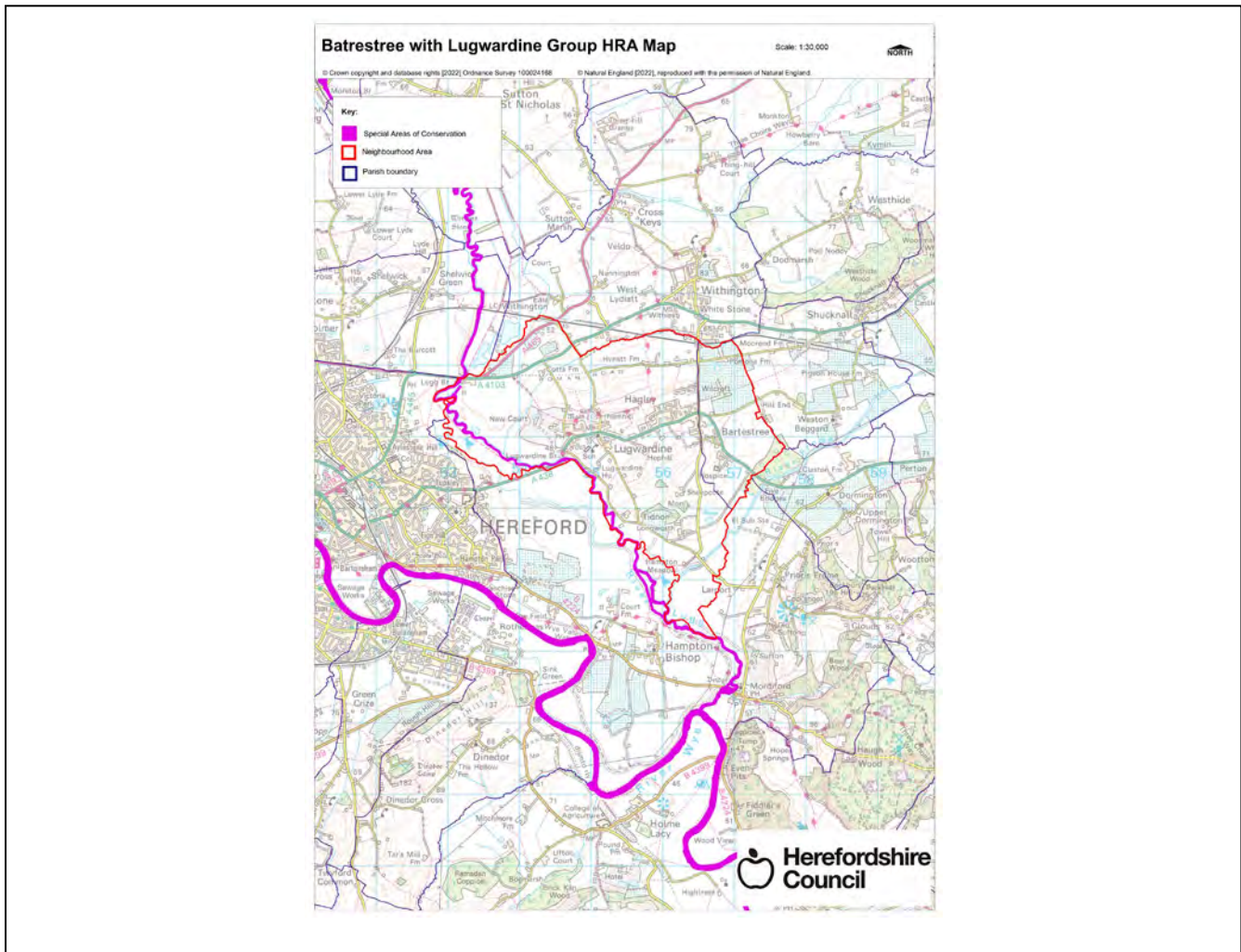
Introduction

This Initial Habitat Regulations Assessment (HRA) and Strategic Environmental Assessment (SEA) Screening has been undertaken to assess whether any European sites exist within or in proximity to the Neighbourhood Area which could be affected by any future proposals or policies.

Through continual engagement the outcomes of any required assessments will help to ensure that proposed developments will not lead to Likely Significant Effects upon a European site or cause adverse impacts upon other environmental assets, such as the built historic or local natural environment.

HRA Initial Screening

Map showing relationship of Neighbourhood Area with European Sites (not to scale)



River Wye (including the River Lugg) Special Area of Conservation (SAC):

Does the Neighbourhood Area have the River Wye (including the River Lugg) in or next to its boundary?	Y	The River Lugg runs along the border of Lugwardine Parish. The River Wye is about 1km away from the Parish
Is the Neighbourhood Area in the hydrological catchment of the River Wye SAC?	Y	The Group Parish is within the River Lugg hydrological catchment
Is the Neighbourhood Area in the River Lugg hydrological catchment area?	Y	The neighbourhood area is within the River Lugg and River Frome hydrological catchment area.
If yes above, does the Neighbourhood Area have mains drainage to deal with foul sewage?	Y	There is mains drainage within Hereford City

Downton Gorge SAC:

Is the Neighbourhood Area within 10km of Downton Gorge SAC?	N	Downton Gorge is 32.1km away from the Parish
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River Clun SAC:

Does the River Clun border the Neighbourhood Area	N	The River Clun SAC does not border the neighbourhood area.
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Wye Valley & Forest of Dean Bat Sites SAC:

Is the Neighbourhood Area within 10km of any of the individual sites that make up the Wye Valley & Forest of Dean Bat Sites?	N	Wye Valley and Forest of Dean Bat Sites are 22.1km away from the neighbourhood area.
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Wye Valley Woodlands SAC:

Is the Neighbourhood Area within 10km of any of the individual sites that make up the Wye Valley Woodlands Site?	N	Wye Valley Woodlands are 22.6km away from the neighbourhood area.
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HRA Conclusion:

The assessment above highlights that European Sites will need to be taken into account in the future Neighbourhood Development Plan for the Bartestree with Lugwardine Neighbourhood Area and a Full HRA Screening will be required.

European Site

(List only those which are relevant)

River Wye (including the River Lugg) SAC

Strategic Environmental Assessment Initial Screening for nature conservation landscape and heritage features

The following environmental features are within or in general proximity to the Bartestree with Lugwardine Neighbourhood Area and would need to be taken into account within a Strategic Environmental Assessment. In addition, the NDP will also need to consider the other SEA topics set out in Guidance Note 9a to ensure that the plan does not cause adverse impacts.

SEA features	Within Neighbourhood Area		Bordering Neighbourhood Area	
	Total number	Name(s)	Total number	Name(s)
Ancient Woodland	3	Ash Bed; Tidnor Wood; 1 x Unnamed	1	Brainton Wood.
Areas of Outstanding Natural Beauty	0	-	0	-
Conservation Areas	1	Lugwardine	0	-
Flood Areas	Flood Zones 2 and 3 in the south and west of the Parish, and also along the north ending just north of Hynett Farm			
Geoparks	0	-	0	-
Listed Buildings	There are numerous listed buildings throughout the Neighbourhood Area.			
Local Geological Sites	1	Bartestree Quarry (Lowes Hill)	0	-
Local Wildlife Sites	3	River Lugg; Lugg Meadows; River Frome.	1	Old Canal at Burcot.
Mineral Reserves	4	Lugg Bridge Farm on Roman Road to Upper Lodge;	0	-

SEA features	Within Neighbourhood Area		Bordering Neighbourhood Area	
	Total number	Name(s)	Total number	Name(s)
		North of Lugwardine and Bartestree; River Lodon, Monkhide to Yarkhill to Bartestree; Area around Wellington constrained by 200m zone and area to north of Wellington outside 200m zone.		
National Nature Reserve	0	-	0	-
Nature Trails	0	-	1	Wye Valley Walk
Registered Parks and Gardens	0	-	0	-
Scheduled Ancient Monuments	2	Lugg Bridge; Moated site 60m south west of Old Court Farm, Hemhill.	1	Ring ditches and rectilinear enclosures east of Tupsley
Sites of Importance in Nature Conservation	0	-	0	-
Special Areas of Conservation	1	River Wye (including Lugg).	0	-
Unregistered parks and gardens	6	New Court, Lugwardine; Lugwardine Court; Bartestree Court; Hagley Park/Court; Longworth; Old Sufton.	1	Hampton Dene.

SEA features	Within Neighbourhood Area			Bordering Neighbourhood Area		
	Total number	Name(s)	SSSI Status	Total number	Name(s)	SSSI Status
Sites of Special Scientific Interest (SSSI)	2	River Lugg; Lugg and Hampton Meadows	Unfavourable Recovering/ Unfavourable Declining; Favourable.	0	-	-

Decision Notification:

The initial screening highlights that the Neighbourhood Development Plan for the Bartestree with Lugwardine Neighbourhood Area will require further environmental assessment for Habitats Regulations Assessment and Strategic Environmental Assessment.

Assessment date: 21 February 2022

Assessed by: James Latham

Appendix 1: European Sites

The table below provides the name of each European Site, which has been screened in for the purposes of neighbourhood planning in Herefordshire. This is based on the sites individual features of integrity and their vulnerabilities, which could include distance criteria. This has been used in identifying which parishes are likely to require a full HRA Screening of their future Neighbourhood Development Plan, to establish if their plan might have Likely Significant Effects on a European Site.

Downton Gorge
Site Features: <i>Tilio-Acerion</i> forests of slopes, screes and ravines
Vulnerability data: 10km for air quality associated with poultry units or other intensive agricultural practices.
River Clun
Site Features: Freshwater pearl mussel <i>Margaritifera margaritifera</i>
Vulnerability data: Water quality is important to maintain the site feature. Parishes either side of the River Clun will be affected.
River Wye
Site Features: Water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>Callitricho-Batrachion</i> vegetation. Transition mires and quaking bogs. White-clawed (or Atlantic Stream) crayfish <i>Austropotamobius pallipes</i> . Sea lamprey <i>Petromyzon marinus</i> . Brook lamprey <i>Lampetra planeri</i> . River lamprey <i>Lampetra fluviatilis</i> . Twaite shad <i>Alosa fallax</i> . Atlantic salmon <i>Salmo salar</i> . Bullhead <i>Cottus gobio</i> . Otter <i>Lutra lutra</i> . Allis shad <i>Alosa alosa</i>
Vulnerability data: Proximity: Developments should not be within 100m of the designated bank. Some developments beyond 100m may also have impacts based on proximity and these issues should be addressed where possible when developing NDP policy and choosing site allocations. Water Quality: Within the whole catchment of the River Wye, which includes the River Lugg, mains drainage issues with regards to water quality are being resolved through the Core Strategy / Local Plan and development of a Nutrient Management Plan. Welsh Water should be consulted to ensure that the proposed growth will be within the limit of their consents. Otters: “An otter will occupy a ‘home range’, which on fresh waters usually includes a stretch of river as well as associated tributary streams, ditches, ponds, lakes and woodland. The size of a home range depends largely on the availability of food and shelter, and the presence of neighbouring otters. On rivers, a male’s home range may be up to 40km or more of watercourse and associated areas; females have smaller ranges (roughly half the size) and favour quieter locations for breeding, such as tributary streams. Otters without an established home range are known as ‘transients’. They are mostly juveniles looking for a territory of their own, or adults that have been pushed out of their territories. Transient otters may use an area for a short while, but they will move on if conditions are not suitable or if they are driven away by resident otters. Transients will have been important in extending the range of otters, but they are very difficult to

identify from field signs.
Within a home range an otter may use many resting sites. These include above-ground shelters, such as stands of scrub or areas of rank grass, and underground 'holts' – for example, cavities under tree roots and dry drainage pipes.”

Wye Valley and Forest of Dean Bat Sites

Site Features: Annex II species that are a primary reason for site selection: Lesser horseshoe bat *Rhinolophus hipposideros*. Greater horseshoe bat *Rhinolophus ferrumequinum*

Vulnerability data: Lesser Horseshoe bats are known to migrate between 5km and 10km between their summer and winter roosts. The Lesser Horseshoe Bat is vulnerable to disturbance; light pollution; and habitat loss. Check with the planning ecologist for other issues.

Greater Horseshoe bats are known to migrate between 20-30km between their summer and winter roosts.

NDPs closest to the European Site will need to consider:
Woodland habitat buffer.

Lesser Horseshoe Bat: Old buildings; woodland locations; sheltered valleys, extensive deciduous woods or dense scrub, close to roost sites. In areas of fragmented habitats, linear habitats such as hedgerows are important corridors. Vulnerable to loss or disturbance of both summer and winter roosts and removal of linear habitat.

Greater Horseshoe Bat: Large buildings, pasture, edge of mixed deciduous woodland and hedgerows. Mixed land-use especially south-facing slopes, favours beetles, moths and insects they feed on. During the winter they depend on caves, abandoned mines and other underground sites for undisturbed hibernation. A system/series of sites required. Vulnerable to loss of insect food supply, due to insecticide use, changing farming practices and loss of broad-leaved tree-cover and loss / disturbance of underground roosts sites.

Wye Valley Woodlands

Site Features: Annex I habitats that are a primary reason for site selection: Beech forests *Asperulo-Fagetum*, *Tilio-Acerion* forests of slopes, screes and ravines, *Taxus baccata* woods of the British Isles. Annex II species present as a qualifying feature, but not a primary reason for site selection: Lesser horseshoe bat *Rhinolophus hipposideros*, 51-100 residents

Vulnerability data: Lesser Horseshoe bats are known to migrate between 5km and 10km between their summer and winter roosts. The Lesser Horseshoe Bat is vulnerable to disturbance; light pollution; and habitat loss. Check with the planning ecologist for other issues. NDPs closest to the European Site will need to consider: Woodland habitat buffer. Lesser Horseshoe Bat: Old buildings; woodland locations; sheltered valleys, extensive deciduous woods or dense scrub, close to roost sites. In areas of fragmented habitats, linear habitats such as hedgerows are important corridors. Vulnerable to loss or disturbance of both summer and winter roosts and removal of linear habitat.

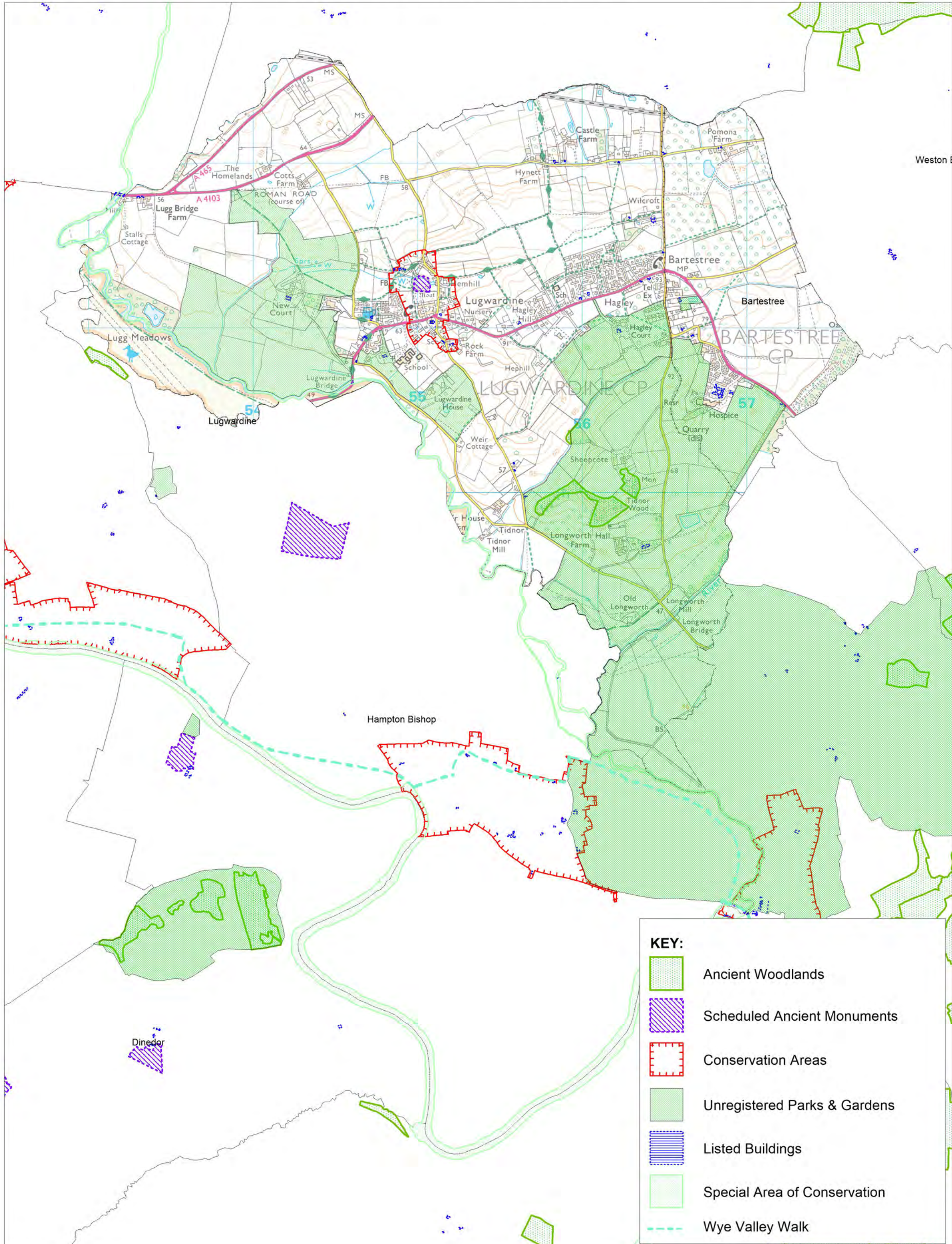


Bartestree with Lugwardine SEA Map 1










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KEY:

-  Ancient Woodlands
-  Scheduled Ancient Monuments
-  Conservation Areas
-  Unregistered Parks & Gardens
-  Listed Buildings
-  Special Area of Conservation
-  Wye Valley Walk

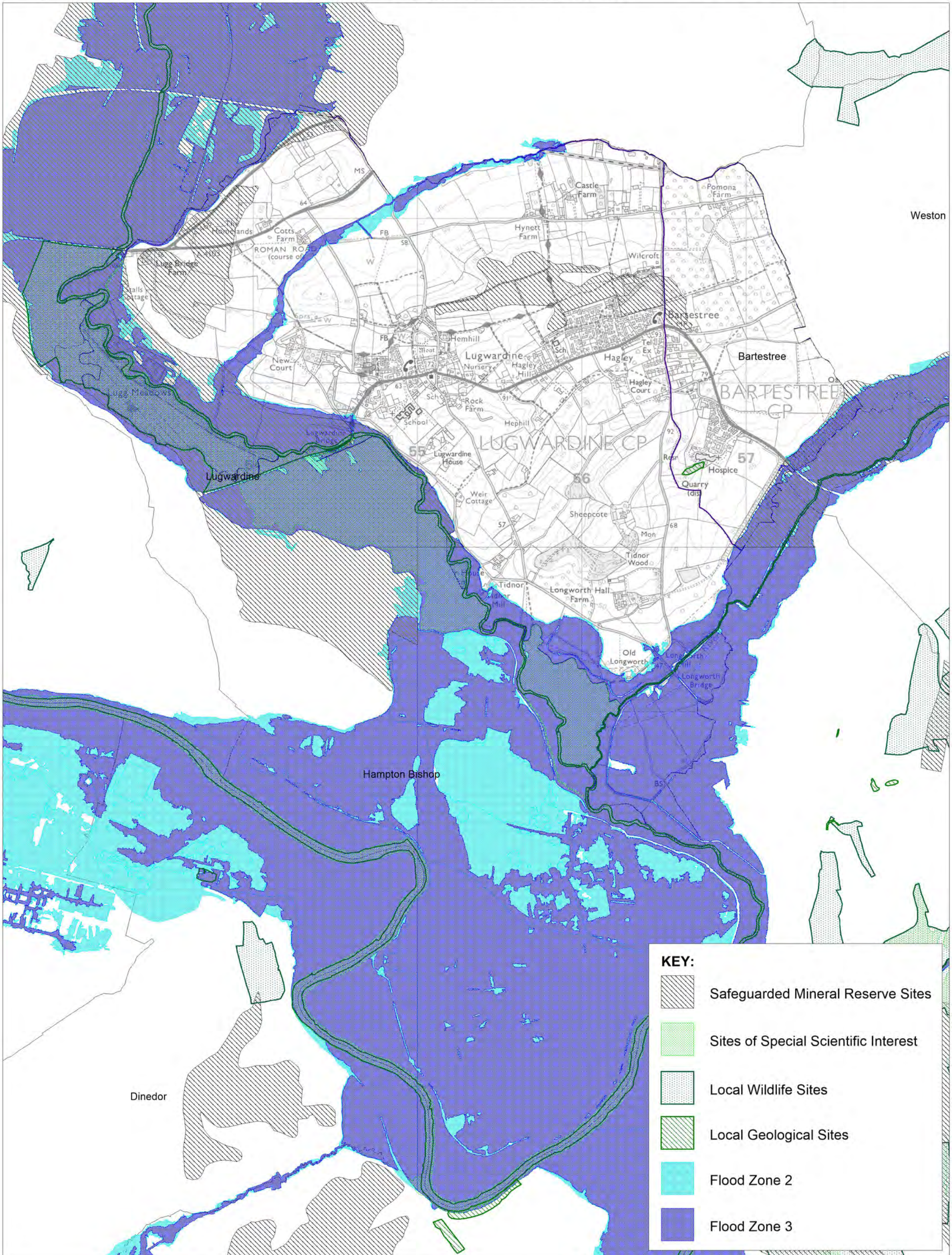


Bartestree with Lugwardine SEA Map 2





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KEY:

-  Safeguarded Mineral Reserve Sites
-  Sites of Special Scientific Interest
-  Local Wildlife Sites
-  Local Geological Sites
-  Flood Zone 2
-  Flood Zone 3