

Strategic Environmental Assessment



Much Birch Neighbourhood Area

Scoping Report

April 2017



**Herefordshire
Council**

Consultation on the Scoping Report

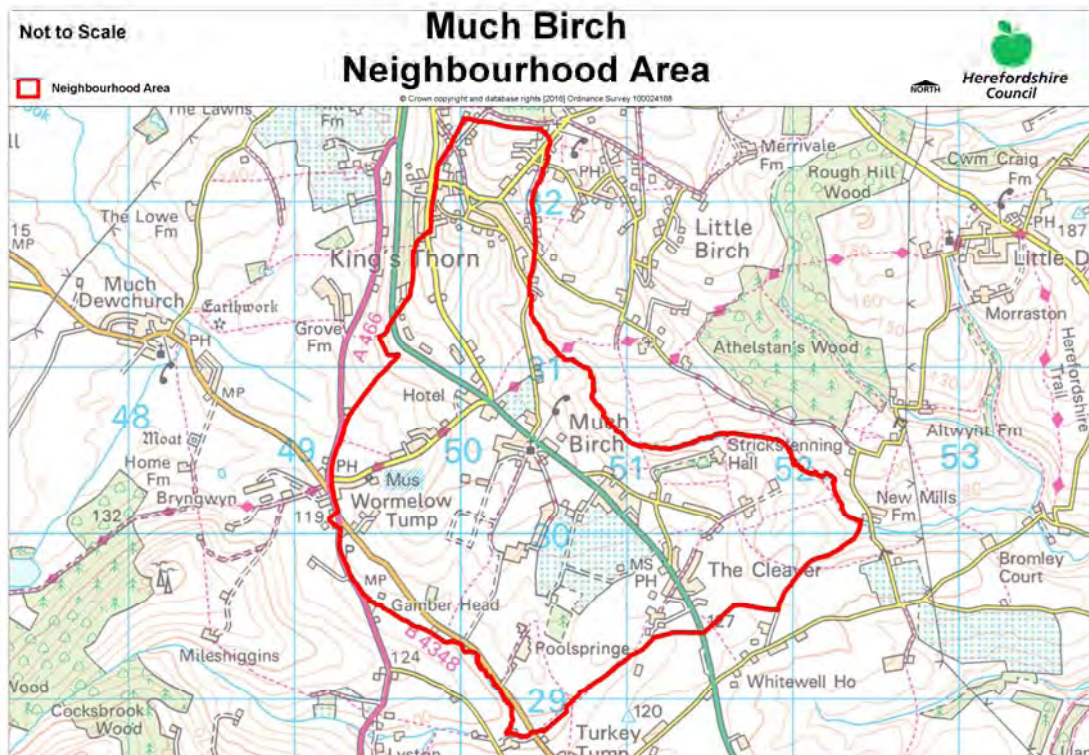
The aim of the consultation process is to involve and engage with statutory consultees and other relevant bodies on the scope of the appraisal. In particular, it seeks to:

- 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.



Template A1: Identification and review of local Neighbourhood Area relevant plans, policies and programmes

Parish Council Name: Much Birch

Neighbourhood Development Plan Name: Much Birch Neighbourhood Development Plan

Date completed: January 2017

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	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.
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	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 	The Neighbourhood Plan should be compliant with all the relevant legislation and regulations.

¹ Derived from the LDF General Scoping Report (June 2007)

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
			has numerous parts and supplementary lists and schedules many of which have been amended since publication.		<ul style="list-style-type: none"> • Material assets • Soil 	
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.
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	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.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
			Government policy.			
Revised EU Sustainable Development strategy	European Union Strategy	2009	Sets out a single strategy on how the EU will more effectively 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"> • Climate change and clean energy; • Sustainable transport • Sustainable production and consumption; • Public health threats; • Better management of natural resources; • Social inclusion, demography and migration; • Fighting global poverty. 	<ul style="list-style-type: none"> • Air • Climate factors • Cultural heritage and the landscape • Population and human health 	The Neighbourhood Plan should take into account the objectives of the strategy. The aim of sustainable development should be implicit in its approach.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
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.	2012	Consolidates the suite of PPG/PPS into one succinct planning policy document.		<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 	The NDP should take into account the relevant policies set within the NPPF.
Planning Practice Guidance	Government Guidance	2014	Provides guidance to local planning authorities and others on the operation of the planning system.		<ul style="list-style-type: none"> • Air • Biodiversity • Climate factors • Cultural heritage and the landscape • Flora and fauna • Material assets 	The NDP should take into account the planning guidance provided within these documents.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
					<ul style="list-style-type: none"> • Population and human health • Soil • Water 	
Herefordshire Core Strategy, (adopted) 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.	<p>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.</p> <p>The 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 	<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 	<p>The NDP should take account of relevant policies set within in the Core Strategy.</p> <p>Where necessary, the NDP should provide services, facilities and employment opportunities that are accessible to both local and neighbouring communities.</p> <p>Much Birch is made up of the following parish areas:</p> <ul style="list-style-type: none"> • Kingsthorne • Much Birch/Axe and Cleaver • Much Birch • Wormelow <p>The development areas are listed in the Core Strategy under the listed Ross-on-Wye HMA as:</p> <p>Kingsthorne – Figure 4.14 Much Birch/Axe and Cleaver – Figure 4.15 Much Birch – Figure 4.14 Wormelow – 4.14</p> <p>This means the NDP should take</p>

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
				<ul style="list-style-type: none"> 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 traditionally played in as accessible, sustainable centres for their rural catchments.</p> <p>Much Birch Group is within the Ross-on-Wye Housing Market Area (HMA). The target for proportionate growth is 14% across the parish.</p>		<p>into consideration the criteria set within Policy RA1 and RA2.</p> <p>The neighbourhood plan should allocate a minimum of 57 dwellings within Much Birch Group within the plan period of 2011 to 2031.</p> <p>Completions from 2011 – 2016 and Commitments as at April 1 2016, totalling 30, leaves a minimum figure of 21 dwellings to allocate.</p>

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
Herefordshire Local Transport Plan 2016-2031	Corporate	2016	The Local Transport Plan outlines the significant role that transport will play to enable the delivery of the Core Strategy proposals. This 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 2016 to 2031.	<p>The Transport Plan aims to increase highway capacity for new development sites as improve efficiency of existing transport network.</p> <p>The document includes five key objectives, one which plans to enable economic growth connecting new roads with developments. Intrinsic to this is to provide a good quality transport network. The other objectives aim to promote healthy lifestyles with pollution reduction and active travel schemes. Improvements will be made to make journeys easier and safer, ensuring access to services for living in rural areas maximising accessibility.</p>	<ul style="list-style-type: none"> • Air • Climate factors • Population and human health 	The LTP does not explore current transport issues in the Much Birch Group Neighbourhood Plan area, but any new development proposed through the NDP should seek to reduce the environmental impacts of transport.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	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 identified.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
Malvern Hills AONB Management Plan 2014-2019	Corporate	2015	The Management Plan is the prime document which sets out the vision and objectives for the Malvern Hills AONB area and the priorities for its management.	Identifies the issues and challenges facing the special features of the area and contains 21 guiding principles and 14 strategic objectives and 76 policies which will help address them.	<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 	The Much Birch Neighbourhood Plan Area is not within or adjacent to the Malvern Hills AONB.
Wye Valley AONB management Plan 2015-2020	Corporate	2015	The Management Plan is the prime document which sets out the vision for the Wye Valley AONB area and the priorities for its management.	Sets out a range of objectives which seek to reconcile the competing interests of the environment, the ecology and the social and economic well-being of the AONB.	<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 	The Much Birch Neighbourhood Plan Area is not within the Wye Valley AONB.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	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 and the landscape • Material assets • Population and human health 	None of merit

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	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 direct employment land allocations within the Much Birch NDP area at 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 and human health 	None of merit.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
Herefordshire Housing Land Availability Assessment (SHLAA)	Evidence	2015	<p>The HELAA 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>The 2015 SHLAA identifies Much Birch (4.14) and Kingsthorpe (4.14) within the Much Birch Group as having land for development.</p> <p>Much Birch – Various sites were allocated in the 2015 SHLAA:</p> <p>One site was identified as suitable - HLA/190/004 – 1.33 ha, housing capacity 20, Part suitable, 6-10 years</p> <p>Many sites were not suitable for development within the plan period: HLA/091/002 (call for sites) HLA/094/003 (call for sites) HLA/094/004 (call for sites) HLA/094/005 (call for sites) HLA/094/007 (call for sites) HLA/094/008 (call for sites) HLA/094/009 (call for sites) HLA/094/011 (call for sites) HLA/229/014 (call for sites) O/Mbir/002 (LA officer identified) O/Mbir/003 (LA officer identified) O/Mbir/005 (LA officer identified)</p> <p>Kingsthorpe – Various sites were allocated in the 2015 SHLAA:</p> <p>Sites identified as suitable: HLA/022/001 – 1.04 ha, housing capacity 8, greenfield, part suitable, part achievable, available, 16-20 years (call for sites) HLA/171/002 0.78ha, housing capacity 23, greenfield, suitable, achievable, available, 6-10 years (call for sites) HLA/429/001 – 0.65 ha, housing capacity 5, greenfield, , part suitable, part achievable, available, 16-20 years (call for sites) HLA/430/002 – 1.58 ha, housing capacity 30, greenfield, suitable, achievable, available, 6-10 years (call for sites) HLA/430/003 – 6.88 ha, housing capacity 10, greenfield, part suitable, part achievable, available, 6-10 years (call for sites) OKthin/001 – 0.31, housing capacity 9, greenfield, suitable, achievable, available 6-10 years (LA officer identified) O/Kthin/007 – 0.52, housing capacity 16, greenfield, suitable, achievable, availability unknown, 6-10 years (LA officer identified) O/Kthin/009 – 0.28, housing capacity 8, greenfield, suitable, achievable, availability unknown, 6-10 years (LA officer identified)</p> <p>Sites that were not suitable for development within the plan period: HLA/094/006 (call for sites) HLA/094/006 (call for sites) HLA/430/004 (call for sites) O/Kthin/002 (LA officer identified) O/Kthin/005 (LA officer identified)</p>	<ul style="list-style-type: none"> Air Biodiversity Climate factors Cultural heritage and the landscape Flora and fauna Population and human health Soil Water 	<p>The SHLAA assesses the potential availability of land for housing in the wider HMA.</p> <p>Much Birch NDP should be informed by the findings of the SHLAA.</p>

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sites were identified with low

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
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.</p> <p>Much Birch NDP area falls within the Ross-on-Wye HMA.</p> <ul style="list-style-type: none"> • 55% of households are unable to afford market housing. • There is an annual requirement for 58 affordable dwellings between 2012 and 2017. <p>The study highlights that within the Ross-on-Wye HMA the overall estimated housing need by size 2012-2017 is as follows: 1 Bed – 54.4%, 2 bed – 18.4%, 3 bed – 28.2%, 4 bed- -1.1%.</p> <p>The study identifies that, in rural parts of Ross-on Wye LHMA, between 2011-2031 there is a need for:</p> <ul style="list-style-type: none"> • 1,230 market houses • 820 affordable houses 	<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 Ross-on-Wye HMA.</p> <p>It provides evidence that could be used to inform policies or market and affordable housing requirements in the NDP.</p>

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
Herefordshire Local Housing Requirements Study 2012 (updated in 2014)	Evidence	2014	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> <p>As a consequence, the rural areas will face an increasing urgency to provide more 3 bedroom homes, with more 1</p>	<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 	<p>This study provides an indication of housing requirements in the rural areas and the Ross-on-Wye HMA.</p> <p>This evidence can be used to inform the content of the Much Birch NDP, which could include policies to facilitate the provision of the right types of homes in the right places.</p>

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
				and 2 bed homes required in the affordable sector.		
Herefordshire Rural Housing Background Report	Evidence	2013	Provides the justification for the proportional housing growth targets outlined in the Core Strategy	Much Birch NDP area is made up of split classified areas under the Ross-on-Wye HMA and are considered a sustainable location for proportional growth of up to 14% across the parish.	<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 	The Much Birch NDP will need to be in conformity with the provisions of Core Strategy Policy RA1 and RA2.

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Herefordshire Draft Gypsies and Travellers Assessment	Evidence	2016	Assesses the accommodation needs of Gypsies and Travellers across Herefordshire.	<p>Key findings from the survey of Gypsy and Traveller households in 2012 found that:</p> <ul style="list-style-type: none"> • 31% of households surveyed have some sort of accommodation need • Of the 17 households with an accommodation need, 7 had a requirement for at least one additional pitch • 10 households had a requirement for bricks and mortar housing • There is an additional requirement for 7 pitches and 9 units of Registered Social Landlord accommodation within Herefordshire. 	<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 	The Much Birch NDP must establish whether any of the need identified in this assessment falls within the neighbourhood area and make appropriate provisions for it.
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 NDP can help to achieve the LBAP priorities.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
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.	This document provides useful information in respect of Hereford and the market towns only.	<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 	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 Much Birch NDP can overcome any existing constraints and capitalise on opportunities to enhance habitats and their networks.
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 • Climate factors • Cultural heritage and the landscape • Flora and fauna • Material assets • Population and human health • Soil • Water 	The study provides evidence that could be taken into account when preparing policies for the Much Birch NDP .

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
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 • Climate factors • Cultural heritage and the landscape • Flora and fauna • Material assets • Population and human health • Soil • Water 	The study provides evidence that could be taken into account when preparing policies for the Much Birch NDP .

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
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>2.43ha total playing pitch area:</p> <ul style="list-style-type: none"> • Much Birch Primary School (PP64) • Wormelow Cricket Ground (PP130) <p>1.55ha total playing pitch area with secured community access:</p> <ul style="list-style-type: none"> • Wormelow Cricket Ground <p>64% of playing pitch area with secured community access.</p>	<ul style="list-style-type: none"> • Biodiversity • Cultural heritage and the landscape • Flora and fauna • Material assets • Population and human health 	<p>The study provides evidence that could be taken into account when preparing policies for the Much Birch NDP.</p> <p>Additional local evidence may be required to identify if there is a need for any secured playing pitch facilities within the Group Parish.</p>
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Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
Open Spaces Study	Evidence	2006	The 2006 space audit and assessment of need is a snap shot of the quality, quantity and distribution of open space across Herefordshire.	<p>The study reveals that within the Ross-on-Wye area, to which Much Birch NDP is a part, there is:</p> <ul style="list-style-type: none"> • Extensive under provision of parks and gardens , amenity greenspace and outdoor sport • Extensive over provision of natural and semi natural greenspace • Average provision for children and young people 	<ul style="list-style-type: none"> • Biodiversity • Climate factors • Cultural heritage and the landscape • Flora and fauna • Material assets • Population and human health 	The open space audit and assessment of does not give a specific indication of open space shortfalls and surpluses in Much Birch .

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
Play Facilities Study	Evidence	2006	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.	Much Birch has a population of 500+ with no formal play except a recreation ground at Much Birch	<ul style="list-style-type: none"> • Biodiversity • Climate factors • Cultural heritage and the landscape • Flora and fauna • Material assets • Population and human health 	The study provides evidence that could be taken into account when preparing policies for the Much Birch NDP.

Plans and Programmes	Type of document	Date	Overview	Key message, target/objective/indicator	SEA topic(s) ¹	Implications for the NDP and SEA
Strategic Flood Risk Assessment (SFRA) and Water Cycle Study 2009	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 examines how water resources and water supply infrastructure, wastewater treatment, water quality, sewerage and flood risk could constrain growth across Herefordshire.</p>	<p>Much Birch NDP area lies within the hydrological catchment of the River Wye and the sub catchment of Wriggle Brook.</p> <p>The SFRA study states that:</p> <p>It has a 10-20% standard run percentage run off by sub catchment. Potentially highly suitable for infiltration source control</p> <p>An very rapid flood response (Tp-time to peak) time at <5 hours.</p>	<ul style="list-style-type: none"> • Biodiversity • Climate factors • Material assets • Population and human health • Water 	<p>New development proposed through the Much Birch NDP should be assessed against the capacity of local infrastructure. Where appropriate mitigation measures should be established within the NDP.</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 Much Birch NDP.</p>

Appendix A2 – Baseline information for **Much Birch**

*N.B. This is based on countywide baseline information with some additions relevant to **Much Birch** (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 and expand county biodiversity.	Natural environment	Net change in condition of SSSIs across Herefordshire.	The 2011-2013 AMR does not contain updated conservation data. 2010/11: 27% of Herefordshire's SSSI land was in favourable condition. There are no local or bordering SSSI's	2006: 22% 2007: 22% 2008: 22% 2010: 24 % Proportion of SSSI land that was in unfavourable condition but recovering increased between 2010 and 2012 going from 41% to 65%. Proportion in unfavourable and declining condition had also decreased from 4% to 1%.	% 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)	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. The proportion of SSSI in unfavourable condition but recovering is greater than England as a whole, where the figure currently stands at 58.6%.	Understanding Herefordshire: An integrated needs assessment NE & DEFRA Website

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
13. Value, maintain, restore and 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 and expand county biodiversity.	Natural environment	Phosphate levels within the River Wye SAC and adjoining tributaries that receive increased phosphates from proportional growth.	Countywide data is available, this indicator would apply to this Neighbourhood Area, as the parish falls inside the hydrological catchment area for the River Wye SAC.	N/A	N/A	N/A	Nutrient Management Plan

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
13. Value, maintain, restore and expand county biodiversity.	Natural environment	Changes to protected habitats and impacts of species within the Herefordshire Local Biodiversity Action Plan.	<p>The 2013 - 2014 AMR does not contain updated conservation data.</p> <p><i>There is no locally specific data available at present.</i></p>	<p>2010/11: 17 Habitat Action Plans and 14 Species Action Plans are currently in operation across Herefordshire.</p> <p>There are no formal records of any unacceptable adverse impacts on habitats or protected species.</p> <p>Originally 156 Priority Species were identified for inclusion in Herefordshire's LBAP.</p> <p>Similarly Herefordshire's LBAP covered 23 habitats with Action Plans.</p>	<p>To protect and where possible enhance the habitats of protected species identified.</p> <p>No net losses.</p>	Herefordshire Biological Records Centre (HBRC) holds limited data on some individual sites.	Herefordshire Council AMR (2013/14)

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SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
13. Value, maintain, restore and expand county biodiversity.	Natural environment	Changes in the areas of designated nature conservation sites as a consequence of planning permission.	<p>Much Birch has:</p> <p>SSSI: 0 (Bordering SSSI's: 0)</p> <p>LWS: 0</p> <p>(Bordering LWS:8) Hamptons Rough Wood & The Firs; Williams Wood; Woodlands on Aconbury Hill; Athelstons & Rough Hill Wood and The Crickets; Margin of Wriggle Brook, near Tressock; Two ponds at Brom-y-Close; Woodlands around Weaver Hill; Helens Wood.</p> <p>There are no SACs, NNRs, SINC and LNRs within the parish group.</p>	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 as much as possible.	Herefordshire Biological Records Centre (HBRC) holds limited data on some individual sites.	Herefordshire Council Initial Screening Report for the Neighbourhood Plan Much Birch 16th August 2016

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
13. Value, maintain, restore and expand county biodiversity.	Natural environment	Proportion of local sites where positive conservation management has or is being implemented.	<p>The neighbourhood area comprises of an even mix of the following types of landscapes:</p> <ul style="list-style-type: none"> • Principle Settled Farmlands • Wooded Estatelands • Timbered Plateaux Farmlands • Wooded Forest 	-	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)
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.	<p>Countywide data would be too large to incorporate into this template.</p> <p>Whilst there is no qualitative, locally</p>	-	No specific targets identified, but need to ensure that the register is kept	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA	Herefordshire Environmental Records Register (search January 2017).

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
			<p>specific data available at present, there are numerous scheduled monuments in Much Birch Parishes according to the latest version of the register.</p> <p>There are a total of 49 shown on HER database in the combined parish group.</p>		up to date.	recommendations.	

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
14. Use natural resources and energy more efficiently.	Resource consumption and climate change	Monitoring changes to historic landscapes.	<p>Historic Landscape Character assessments have only been undertaken for Hereford City.</p> <p>Rapid townscape Assessments (2010) were only undertaken for Hereford, Ledbury and Ross.</p> <p><i>Urban Fringe Sensitivity Analysis (2010) only considers sites on the urban fringe of Hereford and the five market towns.</i></p>	-	No specific targets identified.	Should be monitored through AMR following the adoption of the Core Strategy, in line with SA recommendations.	<p>Historic Landscape Character Assessment for Hereford.</p> <p>Rapid townscape Assessments (2010)</p> <p><i>Urban Fringe Sensitivity Analysis (2010)</i></p>
SEA Topic covered by objective: <i>Population, Biodiversity, Flora and Fauna</i>							

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
15. Value, protect, enhance and 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.	AMR 2013-14
15. Value, protect, enhance and 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 aspects of local loss of heritage assets and locally important buildings 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 local loss of heritage assets and locally important buildings within Much Birch.	No historic records of any planning enforcement action or appeals concerning locally important buildings.	To wherever possible improve upon or otherwise maintain current status.	Current status must be verified by Dvt Mgt and Enforcement Officers, but the NDP can help to avoid enforcement action and appeals during the plan period.	Council Dvt Mgt records (searched January 2017)
SEA Topic covered by objective: <i>Climatic Factors</i>							

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.	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 encourage the take up of lesser polluting modes 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>Domestic emissions accounted for 35 per cent (438,237 tonnes) of Herefordshire's carbon footprint.</p> <p>There is no locally specific data available at present.</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.	<p>Understanding Herefordshire: An integrated needs assessment (June 2013).</p> <p>Understanding Herefordshire: Joint Strategic Needs Assessment (July 2015).</p>

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.	2010/11: None 2011/13: Not specified 2013/14: None <i>There is no locally specific data available at present.</i>	There have been no approvals contrary to EA advice since reporting began in 2004.	To have no applications permitted contrary to EA advice.	None identified.	Herefordshire Council AMR (2010/11)
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. LA to monitor the number of hectares of the best and most versatile agricultural land (grades 3a and higher) lost to development.	2011: Majority of land within the neighbourhood area was listed Grade 2 (Very Good) and an area of Grade 1 (Excellent).	-	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.	West Midland ALC Map (Natural England 2011).

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 figures for the county as a whole dates back to 2005 when there was considered to be 84% assessed as good or very good. This represents a decrease in the % since 2002 <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 (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.	2010/11: 67% 2011-13: 57% 2013-14: 65% <i>There is no locally specific data available at present.</i>	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 (2010/11),(2011-2013) and (2013-2014)

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	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.	-
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> This indicator would not be applicable to rural NDPs.	N/A	N/A	N/A	N/A
SEA Topic covered by objective: <i>Cultural heritage</i>							

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
20. Value, protect and enhance the character and built quality of settlements and neighbourhoods and the county's heritage assets, including conservation areas, historic environment and cultural heritage.	Built environment	Number and percentage of listed buildings and Scheduled Ancient Monuments on Buildings at Risk Register (Historic England).	<p>Up-to-date countywide information will be presented in the next AMR and which is due to be published in 2014. However, this data would be too large to incorporate into this template.</p> <p>There are numerous listed buildings within the parish group.</p> <p>HE Heritage at Risk Register:</p> <p>There are no entries in the Much Birch area that are on the register.</p>	There were 71 heritage assets in Herefordshire that were considered to be at high risk and included in the Heritage at Risk Register January 2017.	<p>To wherever possible improve upon or otherwise maintain current status.</p> <p>Promote opportunities to improve condition</p> <p>Promote opportunities to achieve the removal of heritage assets from the at risk register.</p>	None of Merit	Buildings at Risk Register (Historic England; search January 2017)

SA Objective ¹	SA Theme	Proposed indicator	Current status	Trends	Targets	Issues and constraints	Baseline (information) source
20. Value, protect and enhance the character and built quality of settlements and neighbourhoods and the county's heritage assets, including conservation areas, historic environment and cultural heritage.	Built environment	The need for, frequency and outcomes of planning enforcement investigations/ planning appeals concerning aspects of local loss of heritage assets, locally important buildings within 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 local loss of heritage assets locally important buildings particularly within conservation areas within the Much Birch area.	No historic records of any planning enforcement action or appeals concerning locally important buildings, does not lie within a conservation area.	To wherever possible improve upon or otherwise maintain current status	Current status must be verified by Dvt Mgt and Enforcement Officers, but the NDP can help to avoid enforcement action and appeals during the plan period.	Council Dvt Mgt records (searched January 2017)

Appendix A3 – Environmental issues identified from Much Birch baseline

These environmental issues are the same as most of those identified for the Herefordshire Core Strategy¹

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 alternative modes of travel.	
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
		Habitats and species of national, regional and local importance are under pressure from development	
		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	There are numerous listed buildings and scheduled monuments across the Much Birch NDP area according to the latest version of the register. All of which require ongoing protection and many in need of high levels of maintenance. There are no listed SAM's.	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

¹ Derived from the Pre-submission Core Strategy Sustainability Appraisal Assessment (May 2014) and LDF General Scoping Report (June 2007)

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

SEA Scoping Stage A, Task A4 - SEA Framework SEA Objectives, Indicators, Targets

Parish Council Name: Much Birch

Neighbourhood Development Plan Name: Much Birch Neighbourhood Plan

Date completed: January 2017

SEA Topics	SA Objective	SEA Objective	Sub-objectives / Appraisal Questions (Will the option/proposal/site...)	Indicators	Targets
Nature Conservation (Biodiversity, flora and fauna)	Value, maintain, restore or expand county biodiversity. Value, protect, enhance or restore the landscape quality of Herefordshire, including its rural areas and open spaces.	To maintain and enhance nature conservation (biodiversity, flora and fauna)	<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. Create new appropriate habitats. Value, enhance and protect natural environmental assets including AONB's, historic 	<p>Net change in condition of SSSIs across Herefordshire.</p> <p>After use of mineral sites especially wildlife habitat creation</p> <p>Changes to protected habitats and impacts of species within the Herefordshire Local Biodiversity Action Plan.</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>Percentage of opportunities taken</p> <p>To protect and where possible enhance the habitats of protected species identified. No net losses</p>

SEA Topics	SA Objective	SEA Objective	Sub-objectives / Appraisal Questions (Will the option/proposal/site...)	Indicators	Targets
			<p>landscapes, open spaces, parks and gardens and their settings</p> <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. 		
Landscape	Not covered in SA	<p>To maintain and enhance the quality of landscapes and townscapes</p> <p>To improve quality of surroundings</p>	<ul style="list-style-type: none"> • Protect and enhance the landscape everywhere and particularly in designated areas • Value and protect diversity and local distinctiveness • Improve landscape and ecological quality and character of the countryside • Improve the quantity and quality of publicly accessible open space 	<p>Changes in the areas of designated nature conservation sites as a consequence of planning permission.</p> <p>Proportion of local sites where positive conservation management has or is being implemented.</p> <p>Monitoring changes to historic landscapes.</p> <p>Area resulting in a loss of open space as a result of planning</p>	<p>To capitalise on opportunities to enhance the areas of value to nature conservation as much as possible.</p> <p>No specific targets identified.</p> <p>No specific targets identified.</p> <p>No specific targets identified</p>

SEA Topics	SA Objective	SEA Objective	Sub-objectives / Appraisal Questions (Will the option/proposal/site...)	Indicators	Targets
			<ul style="list-style-type: none"> Improve satisfaction of people with their neighbourhoods as places to live Decrease litter and graffiti in towns and countryside Result in the loss of open space 	permission	
Heritage	Value, protect or enhance the character and built quality of settlements and neighbourhoods and the county's heritage assets, historic environment and cultural heritage.	To conserve and where appropriate enhance the historic environment, heritage assets and culture heritage	<ul style="list-style-type: none"> Preserve, protect and enhance heritage assets including conservation areas, listed buildings, archaeological sites and other culturally important features in both urban and rural settings. 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. 	<p>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.</p> <p>Number and percentage of listed buildings and Scheduled Ancient Monuments on Buildings at Risk Register (Historic England).</p> <p>Ensure that Herefordshire Council's Sites and Monuments Register is kept up to date.</p>	<p>To improve upon or otherwise maintain current status.</p> <p>To improve upon or otherwise maintain current status.</p> <p>No specific targets identified, but need to ensure that the register is kept up to date.</p>

SEA Topics	SA Objective	SEA Objective	Sub-objectives / Appraisal Questions (Will the option/proposal/site...)	Indicators	Targets
			<ul style="list-style-type: none">• Encourage cleanliness and/or improve the general appearance of the area.		

SEA Topics	SA Objective	SEA Objective	Sub-objectives / Appraisal Questions (Will the option/proposal/site...)	Indicators	Targets
Air and Climate	<p>Minimise local and global pollution and protect or enhance environmental resources.</p> <p>Reduce Herefordshire's vulnerability to the impacts of climate change as well as its contribution to the problem.</p>	<p>To improve air quality</p> <p>To reduce the effect of traffic on the environment</p> <p>To reduce contributions to climate change</p> <p>To reduce vulnerability to climate change</p>	<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. 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. 	<p>Transport patronage by mode</p> <p>Number of decentralised energy schemes granted permission.</p> <p>Total CO2 emissions per capita</p>	<p>To increase the take up of alternative modes to the private car.</p> <p>To contribute towards the national target.</p> <p>To reduce the overall carbon emissions.</p>

SEA Topics	SA Objective	SEA Objective	Sub-objectives / Appraisal Questions (Will the option/proposal/site...)	Indicators	Targets
Water	<p>Reduce the risk of flooding and the resulting detriment to public well-being, the economy and the environment.</p> <p>Minimise local and global pollution and protect or enhance environmental resources.</p>	<p>To improve water quality</p> <p>To provide for sustainable sources of water supply</p> <p>To avoid, reduce and manage flood risk</p>	<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. 	<p>Number of planning permissions granted contrary to the advice of the Environment Agency on flood defence grounds.</p> <p>Percentage of river length assessed as good or very good chemical quality and ecological quality</p> <p>Phosphate levels within the River Wye SAC and adjoining tributaries that receive increased phosphates from proportional growth.</p>	<p>To have no applications permitted contrary to EA advice.</p> <p>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.</p> <p>To meet the targets set out in the Nutrient Management Plan (2014)</p>
Soil	<p>Minimise local and global pollution and protect or enhance environmental resources.</p> <p>Ensure integrated, efficient and</p>	<p>To conserve soil resources and quality</p> <p>Ensure integrated, efficient and balanced land use.</p>	<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 	<p>Percentage of all new development completed on previously developed land.</p> <p>Amount of land identified as best and most versatile agricultural land lost to development.</p>	<p>To increase the number of homes built on PDL in line with the provisions of national planning policy.</p> <p>Measure the number of hectares of best and most versatile soil lost through development.</p>

SEA Topics	SA Objective	SEA Objective	Sub-objectives / Appraisal Questions (Will the option/proposal/site...)	Indicators	Targets
	balanced land use.		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.		
Population and Human Health	Value, protect, enhance or restore the landscape quality of Herefordshire, including its rural areas and open spaces.	To improve health of the population To reduce crime and nuisance	<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 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 	Number of developments meeting and surpassing national design	No specific targets identified.

SEA Topics	SA Objective	SEA Objective	Sub-objectives / Appraisal Questions (Will the option/proposal/site...)	Indicators	Targets
			space by all, encourage easy non-car based access, and accommodate the needs of disabled users.		
Material Assets	<p>Use natural resources and energy more efficiently.</p> <p>Minimise local and global pollution and protect or enhance environmental resources.</p>	To conserve natural and manmade 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-efficient design, local sourcing of food, goods, materials. • 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. 	<p>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.</p> <p>Maintaining Herefordshire Council's County Site and Monuments Register.</p> <p>Monitoring changes to historic landscapes.</p> <p>Agricultural land usage by quality</p>	<p>Measure the number of hectares of best and most versatile soil lost through development. No specific targets identified.</p> <p>No specific targets identified, but need to ensure that the register is kept up to date.</p> <p>No specific targets identified.</p> <p>Measure the number of hectares of best and most versatile soil lost through development.</p>

**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:	Much Birch Neighbourhood Area
Parish Council:	Much Birch Parish Council
Neighbourhood Area Designation Date:	16 August 2016

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?	N	The River Wye (including the River Lugg) SAC is 2.5km away from the Parish
Is the Neighbourhood Area in the hydrological catchment of the River Wye (including the River Lugg) SAC?	Y	The Parish is within the River Wye hydrological catchment area.
If yes above, does the Neighbourhood Area have mains drainage to deal with foul sewage?	N	There is no mains drainage at Much Birch

Downton Gorge SAC:

Is the Neighbourhood Area within 10km of Downton Gorge SAC?	N	Downton Gorge is 41km away from the Parish
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River Clun SAC:

Does the River Clun border the Neighbourhood Area	N	The River Clun does not border the Parish
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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	The Wye Valley and Forest of Dean Bat Sites are 16km away from the Parish
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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	The Wye Valley Woodlands are 13km away from the Parish
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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 Much Birch Neighbourhood Area and a Full HRA Screening will be required.

European Site

(List only those which are relevant)

River Wye (including the River Lugg) Special Area of Conservation (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 Much Birch 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	0	-	8	Hamptons Rough Wood; Pullastone Wood; Williams Wood; Nether Wood; Lady Coppice; Elvaston Wood; Mynde Wood; Flat Wood.
Areas of Outstanding Natural Beauty (AONB)	0	-	1	Wye Valley.
Conservation Areas	0	-	1	Llanwarne.
Flood Areas	Flood Zones run along parts of the eastern and southern Parish boundary.			
Geoparks	0	-	0	-
Listed Buildings	There are numerous listed buildings throughout the Parish.			
Local Geological Sites (LGS)	0	-	0	-
Local Wildlife Sites (LWS)	0	-	8	Hamptons Rough Wood & The Firs; Williams Wood; Woodlands on Aconbury Hill; Athelstons & Rough Hill Wood and The Crickets; Margin of Wriggle Brook, near Tressock; Two ponds at Brom-y-Close;

				Woodlands around Weaver Hill; Helens Wood.
Mineral Reserves	0	-	0	-
National Nature Reserve (NNR)	0	-	0	-
Nature Trails	1	Herefordshire Trail.	1	Violette Szabo.
Registered Parks and Gardens	0	-	0	-
Scheduled Ancient Monuments (SAM)	0	-	4	Aconbury Camp; Ringwork 750m west of Grove Farm; Churchyard cross at St David's churchyard; Llanwarne church (St John the Baptist).
Sites of Importance in Nature Conservation (SINC)	0	-	0	-
Special Areas of Conservation (SAC)	0	-	0	-
Unregistered parks and gardens	0	-	4	Bryngwyn; Lyston House; The Mynde; Harewood Park.
			SSSI Status	
Sites of Special Scientific Interest (SSSI)	0	-	-	0

Decision Notification:

The initial screening highlights that the Neighbourhood Development Plan for the Much Birch Neighbourhood Area:

- a) Will require further environmental assessment for Habitats Regulations Assessment and Strategic Environmental Assessment.

Assessment date: 8 August 2016

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; includes their site features of integrity; and vulnerability data. 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

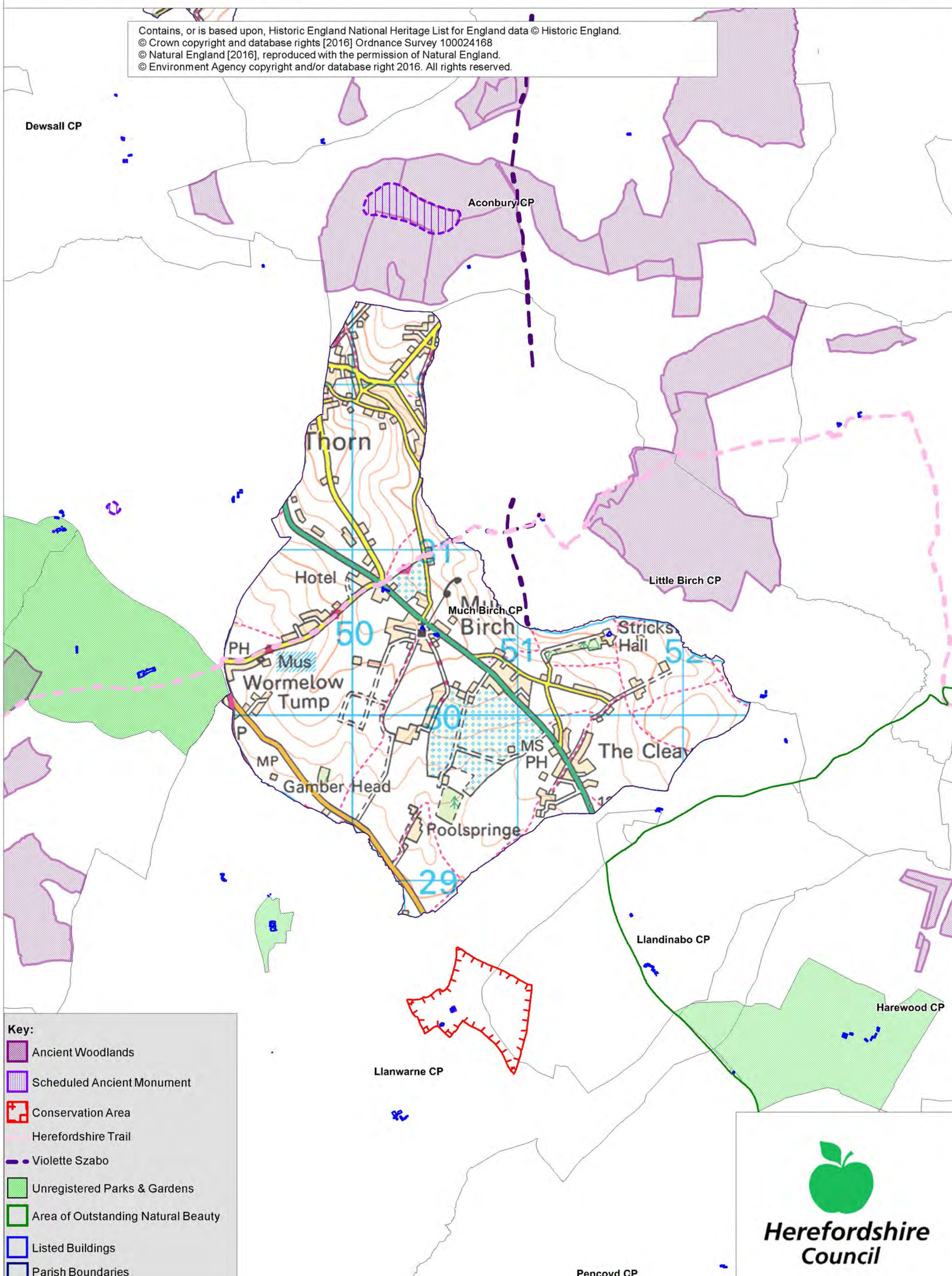
Vulnerability data: Lesser Horseshoe bats are known to migrate between 5km and 10km between their summer and winter roosts. The Lesser Horseshoe Bat is vulnerable to disturbance; light pollution; and habitat loss. Check with the planning ecologist for other issues. NDPs closest to the European Site will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

Much Birch SEA Map 1

Scale: 1:20,000



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Key:

- Ancient Woodlands
- Scheduled Ancient Monument
- Conservation Area
- Herefordshire Trail
- Violette Szabo
- Unregistered Parks & Gardens
- Area of Outstanding Natural Beauty
- Listed Buildings
- Parish Boundaries

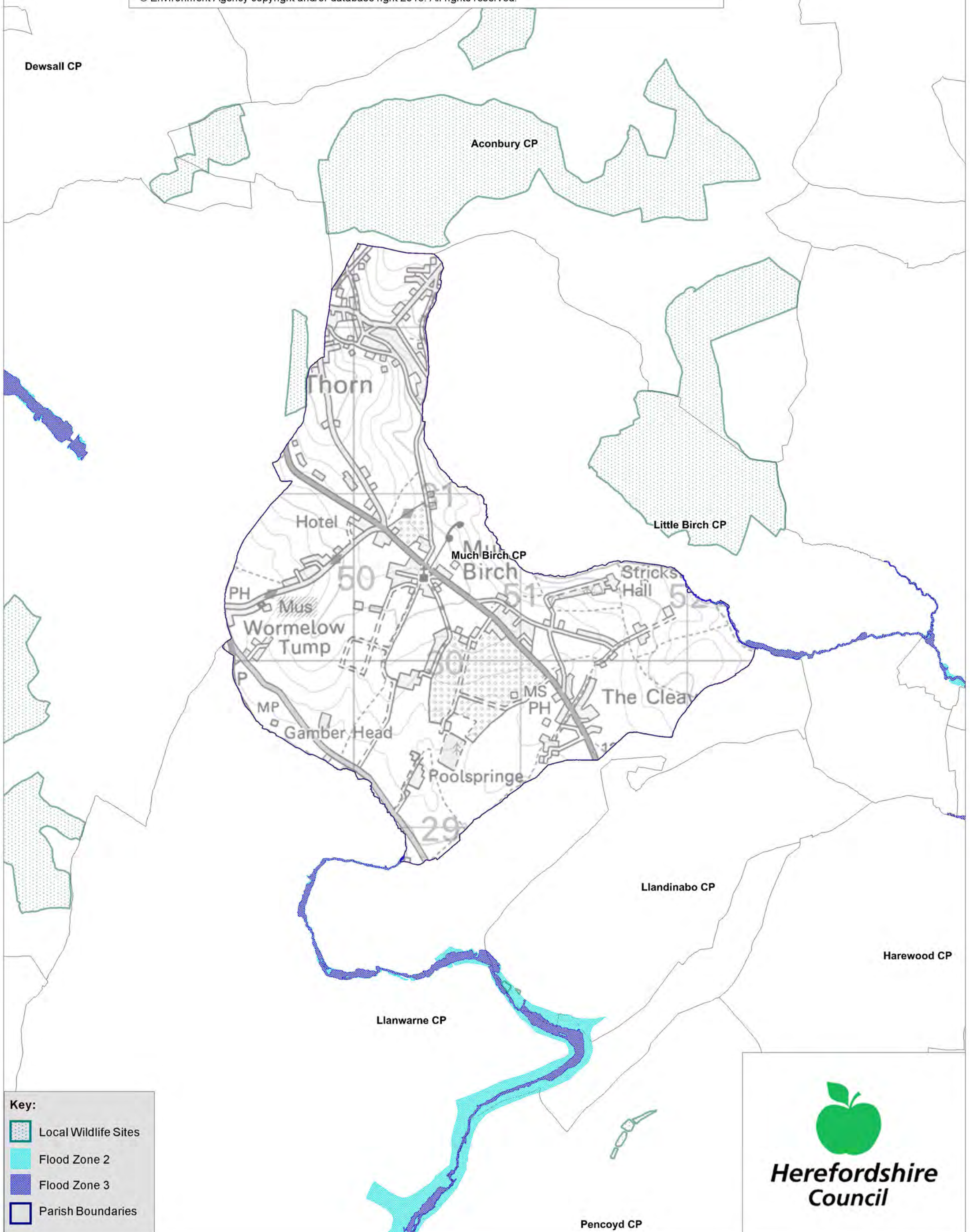
Herefordshire Council

Much Birch SEA Map 2

Scale: 1:20,000



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Key:

- Local Wildlife Sites
- Flood Zone 2
- Flood Zone 3
- Parish Boundaries

Herefordshire Council