

West Berkshire Local Plan Review 2023-2041 (adopted June 2025)

Green Infrastructure

Policy SP10

Green Infrastructure

The Council will strengthen both local and strategic green infrastructure (GI) assets across the District. This will be achieved by protecting and enhancing existing GI assets and linkages and adding to the local network for the benefit of both the natural environment and the health and wellbeing of the community. This policy will be considered in conjunction with other policies in the LPR affecting the status and provision of GI in the District.

Depending on their location, nature and scale, development proposals should:

- a. Protect and/or enhance existing GI and the functions this performs;
- b. Create additional GI which is integrated into the overall development design from the outset; and
- c. Take opportunities to achieve multi-functionality by bringing GI functions together.

Proposals for GI will be supported where they:

- d. Help to mitigate and adapt to the impacts of climate change and boost resilience through sustainable drainage measures which minimise urban heating, flood risk and maximising GI habitats to sequester carbon and provide environmental cooling and insulation functions;
- e. Generate high quality GI which creates an attractive and distinctive setting to new development, enhancing any existing asset that may be present. This should be planned and designed from the outset as a network of multifunctional green and blue spaces and other natural features which identify and respond to the site's local context. Proposals for GI will be expected to be designed in accordance with the most up to date recognised GI standards;
- f. Can provide pleasant and safe 'green routes' to commute or travel on foot, cycle and horseback which help to link parts of urban areas and to the surrounding countryside along blue (water) and green corridors;
- g. Enhance the natural environment and natural processes to improve biodiversity and increase natural capital whilst seeking opportunities to use green infrastructure to extend wildlife corridors and provide habitat connectivity, particularly in urban areas and where it contributes to nature recovery networks;
- h. Use the GI network to help improve health and wellbeing and promote local social interaction and community networks;
- i. Increase its attractiveness as a recreation opportunity and support accessibility to public open spaces which are adaptable and capable of accommodating multiple uses of varying ability;
- j. Restore and open up historic routeways such as hollow ways and drovers roads, avenues and access to historic parks;
- k. Does not involve the culverting of watercourses, except where essential to allow highways and / or other infrastructure to cross;
- l. Protect, enhance and support the creation of integrated constructed wetlands, 'wet woodland' habitats, ponds, lakes, reed beds, raingardens, and floodplain meadows;
- m. Make appropriate provision to protect, enhance, improve and maintain accessible networks of blue corridors, including the restoration of chalk streams and their catchments, de-culverting, back water creation, de-silting, naturalising the channel through in-channel habitat enhancements and removal of structures where appropriate;
- n. Maintain and enhance natural drainage features; and
- o. Provide undeveloped buffer zones along the banks of water courses in accordance with policy SP6.

Development proposals will be required to take account of existing access networks within and around the site. Opportunities should be sought to protect and enhance the Public Rights of Way network within and adjacent to development proposals in line with the NPPF, having particular regard to ensuring the needs of all users have been provided throughout the year. The addition of new connections and status upgrades to the existing rights of way network will be supported.

Proposals involving the loss of green or blue spaces and other natural features will not be supported unless there is no longer a need for the existing infrastructure or an alternative is provided to meet the local needs that is both accessible and of equal or greater quality and benefit to the community.

West Berkshire Local Plan Review 2023-2041 (adopted June 2025)

Proposals for major development will be required to consider the long-term management and maintenance of GI infrastructure and should clearly demonstrate how these considerations have informed site proposals. Details of maintenance requirements and arrangements will be required to be set out, including who is responsible for these requirements. Appropriate funding arrangements for delivery of the long-term maintenance requirements should be clearly demonstrated to the Council before construction starts, including measures to secure biodiversity net gain through all phases and stages of the development.

The amount, type and design of GI will be informed by the appropriate national and local standards, guidance and best practice current at the time of the application.

Supporting Text

5.65 The NPPF defines green infrastructure as "*a network of multi-functional green and blue spaces and other natural features, urban and rural, which is capable of delivering a wide range of environmental, economic, health and wellbeing benefits for nature, climate, local and wider communities and prosperity*". It is integral to successful place-making through the range of multi-faceted benefits well-designed and integrated green infrastructure can bring to an area. In West Berkshire the green infrastructure network will be planned, designed and managed to:

- Promote healthier living and positive well-being;
- Lessen the impacts of climate change;
- Improve air quality and water quality;
- Support economic growth and investment via greener settings;
- Boost tourism and support tourism related jobs;
- Encourage walking, cycling, horse riding and other recreational and sensory experiences;
- Store carbon; and
- Improve biodiversity and ecological resilience.

5.66 Examples of GI assets include:

- Natural and semi-natural rural and urban green and blue spaces – including woodland and scrub, hedgerows, individual trees and groups of trees grassland (e.g. downland and meadow), heath, wetlands, open and running water, brownfield sites and bare rock habitats (e.g. quarries);
- Parks and gardens – urban and country parks, formal gardens, and institutional grounds (e.g. schools and hospitals);
- Amenity green space – informal recreation spaces, play areas, outdoor sports facilities, housing greenspaces, community gardens, roof gardens, village greens, commons, living roofs and walls, trees and hedgerows, civic spaces, and highway trees and verges;
- Allotments, orchards, and farmland;
- Cemeteries and churchyards;
- Green/blue corridors – rivers and canals (including their banks and towpaths), road verges and rail embankments, cycling routes and public rights of way;
- Sites of Special Scientific Interest, Local Wildlife Sites and Local Geological Sites and Nature Reserves;
- Local Green Spaces;
- Accessible archaeological and historic sites;
- Functional green space such as sustainable drainage schemes (SuDS) and flood storage areas;
- Green and brown roofs and green walls on buildings; and
- Lakes and reservoirs.

5.67 The Government's 25 Year Environment Plan (2018) highlights that "*The provision of more and better quality green infrastructure, including urban trees, will make towns and cities attractive places to live and work, and bring about key long term improvements in people's health*". The document made a commitment to the production of a GI Framework⁽⁷¹⁾ since produced by Natural England, which helps to target the creation and/or improvement of GI across the District. The Framework complements Biodiversity Net Gain (BNG) and Nature Recovery Strategies which both form part of the Environment Act (2021). To ensure high quality multi-functional GI is delivered in West Berkshire as set out in the policy, development proposals will be expected to be designed having regard to the Natural England Framework, and any future relevant national, regional or local guidance which may be brought forward. Proposals

West Berkshire Local Plan Review 2023-2041 (adopted June 2025)

will be supported which use the most up to up to date recognised GI principles and standards. For example, The Building with Nature Standards developed by the Natural Environment Research Council (NERC) or the Natural England Green Infrastructure Standards. In addition, if a development falls under BREEAM, consideration of Land Use and Ecology Credits should be undertaken at the design stage to ensure the requirements of policy DM4 Building Sustainable Homes and Businesses is met.

5.68 The policy makes clear the Council's commitment for strengthening both local and strategic GI across the District for the benefit of both the natural environment and the health and wellbeing of the community. New GI provision will add to the integrity of the wider GI network of the District and those of neighbouring authorities. Key opportunities include:

- Adopting SuDS to alleviate flooding and, while supporting broader biodiversity aims and providing local amenity;
- Creating green and blue spaces and planting within development to provide shade, cooling and wind interception and an insulation role in winter;
- Forming buffer zones and wildlife corridors for key habitats and species;
- Providing good quality, accessible green and blue spaces and infrastructure within development to improve health and wellbeing, creating an attractive place to live and work;
- Maximising the number of functions and benefits delivered by each GI asset;
- Interconnecting GI assets to form a strong GI network of green and blue spaces and corridors which deliver the range of GI functions and improve off road connectivity;

5.69 The West Berkshire Strategic Flood Risk Assessment (Level 1) (2022)⁽⁷²⁾ recommends that all new development close to rivers and culverts should consider the opportunity presented to improve and enhance the river environment and contribute to national, county and local biodiversity targets. This can be achieved through proposals exploring opportunities for river restoration and enhancement, and projects which reconnect rivers with their floodplains. Options include, backwater creation, de-silting, de-culverting and naturalising the channel through in-channel habitat enhancements and removal of structures. Special consideration needs to be given the Rivers Pang and Lambourn which are groundwater-fed chalk streams, and are fragile hydrological systems, supporting diverse, rare habitats. The Chalk Stream Strategy (2021) sets out the key foundations and principles of chalk stream restoration. It highlights that chalk stream restoration should include the following considerations: the natural gradient of the river, an intact river bed, a dynamic interconnection between the river and the floodplain, and the ecological processes and habitat requirements of the ecosystem engineers (fish, insects, mammals and plants) to shape the habitat.

5.70 The Council will work in partnership with the local community, statutory advisors, developers, landowners and other organisations to identify and prioritise areas which will provide the best opportunities to protect, maintain and enhance the District's network of high quality 'multi-functional' green and blue spaces and other natural features.

72 West Berkshire Strategic Flood Risk Assessment (Level 1) (2022): <https://www.westberks.gov.uk/sfra>