

NORTH BRADLEY NEIGHBOURHOOD DEVELOPMENT PLAN HABITATS REGULATIONS ASSESSMENT (HRA)

1. Introduction

- 1.1. This version of the HRA relates to the North Bradley Neighbourhood Development Plan SEA and HRA Screening Draft dated September 2018.
- 1.2. The HRA has been carried out to comply with Regulation 105 of the Habitats Regulations 2017. Under these Regulations, a competent authority must consider whether a relevant plan is likely to have a significant effect on any European sites before deciding to give any consent, permission or other authorisation. If the screening exercise demonstrates significant effects are likely, whether or not these are addressed through mitigation measures¹, the competent authority must undertake an appropriate assessment to examine the effects of the plan on the conservation objectives of the European Sites in question, consult the appropriate nature conservation body and have regard to its representations. Both the screening and the full appropriate assessment, must consider the impacts of the plan alone and in combination with other plans or projects.
- 1.3. It is usually the case that a plan of this nature does not go into the detailed aspects of development proposals and therefore the full effects of potential development cannot be accurately assessed at the plan making stage. Those details will typically be identified through a planning application which would be subject to further, more detailed HRA. The principle that a HRA need only consider the effects of a proposal or policy in as much detail as is specified by the plan was explained by Advocate General Kokott in a judgement brought against the UK government in 2005:

“Many details are regularly not settled until the time of the final permission. It would also hardly be proper to require a greater level of detail in preceding plans or the abolition of multi-stage planning and approval procedures so that the assessment of implications can be concentrated on one point in the procedure. Rather, adverse effects on areas of conservation must be assessed at every relevant stage of the procedure to the extent possible on the basis of the precision of the plan. This assessment is to be updated with increasing specificity in subsequent stages of the procedure.”²

- 1.4. Where appropriate assessment is undertaken, the competent authority may only authorise the plan or project having ascertained, in light of the sites’ conservation objectives, that it will not adversely affect the integrity of the European site or sites. Otherwise the plan cannot be authorised unless specific statutory tests are met.
- 1.5. Wiltshire Council has conducted the following HRA as competent authority for the North Bradley Neighbourhood Development Plan (NDP). Where risks to European Sites are identified, the plan must be amended e.g. by the incorporation of mitigation measures, to remove these before the plan is made. Likewise, if the policies or planning context change after the HRA is completed, the HRA process must be repeated before the final plan is considered by a referendum and adopted.

2. Screening Methodology

- 2.1. Each element of the plan has been categorised against screening criteria developed by Natural England to provide a clear audit trail for the screening assessment.
- 2.2. The screening criteria used are as follows:

¹ Court of Justice of the European Union, Case C 323/17 “People Over Wind”/P. Sweetman v Coillte Teoranta

² Commission of the European Communities v UK and NI, opinion of Advocate General KoKott, 9 June 2005, Case C-6/04

- Category A1: The policy will not itself lead to development e.g. because it relates to design or other qualitative criteria for development;
- Category A2: The policy is intended to protect the natural environment;
- Category A3: The policy is intended to conserve or enhance the natural, built or historic environment;
- Category A4: The policy would positively steer development away from European sites and associated sensitive areas;
- Category A5: The policy would have no effect because no development could occur through the policy itself, the development being implemented through later policies in the same plan, which are more specific and therefore more appropriate to assess for their effects on European Sites and associated sensitive areas.
- Category B – no significant effect;
- Category C – likely significant effect alone; and
- Category D – Likely significant effects in combination.

2.3. The effect of each policy has been considered both individually and in combination with other plans and projects (see table in section 4 below). Where potential for likely significant effects have been identified, an appropriate assessment is undertaken in section 5.

3. Higher Level HRAs

3.1 The Wiltshire Core Strategy HRA (October 2009, February 2012³, March 2013⁴, and April 2014⁵) identified general parameters to determine the likelihood of potential impact on Natura 2000 (European protected) sites. The following parameters were identified and assessed for the following Natura 2000 sites.

- *Recreation – Natura 2000 sites within 5km of the plan area, or where Salisbury Plain SPA/SAC is within 15km of the plan area:*
 - Salisbury Plain SAC and SPA
 - River Avon SAC
 - New Forest SAC / SPA
- *Hydrology / Hydrogeology - Sites that fall wholly or partly within the Wessex Water Resource Zone may be susceptible to impact:*
 - Salisbury Plain SAC / SPA
 - Bath and Bradford on Avon Bats SAC
 - Pewsey Downs SAC
 - North Meadow and Clattinger Farm SAC
 - River Avon SAC
 - River Lambourn SAC
 - Kennet & Lambourn Floodplain SAC

³ Wiltshire Core Strategy Submission Draft – Assessment under the Habitats Regulations, Wiltshire Council, February 2012

⁴ Wiltshire Core Strategy – Assessment under the Habitats Regulations, Wiltshire Council, March 2013

⁵ Wiltshire Core Strategy Updated Habitats Regulations Assessment, April 2014

- *Air Pollution / Nitrogen Deposition – Natura 2000 sites within 200m of a main road*
 - Porton Down SPA
 - Salisbury Plain SAC / SPA
 - Southampton Water SPA
 - Clattinger Farm SAC
 - River Avon SAC
 - Rodborough Common SAC
 - Cotswolds Beechwoods SAC
- *Physical Damage / Interruption of Flight Lines / Disturbance*
 - Bath and Bradford on Avon Bats SAC
 - Porton Down SPA

3.2 Since the Core Strategy was adopted, the Council has published a pre-submission draft of the Wiltshire Housing Site Allocations Plan together with a HRA dated 21 June 2017. A schedule of proposed changes was considered by Cabinet supported by an Addendum to the HRA dated May 2018. A final schedule of changes and an Addendum to the HRA incorporating minor factual changes were published in September 2018 for public consultation. The HRA screened the three allocations at Trowbridge which lie within the NDP area into appropriate assessment in relation to the Bath and Bradford on Avon Bat SAC. The assessment was concerned specifically with the potential for indirect effects of both recreational pressure and physical damage/interruption of flight lines/disturbance in areas which lie outside the SAC but which are functionally related to it. One of these allocations, Land of the A363 at White Horse Business Park, was also screened into appropriate assessment for Salisbury Plain SPA as it lies within a 6.4km radius of the Plain where the majority of its visitors are predicted to live.

4. Screening of Policies in North Bradley Neighbourhood Development Plan SEA and HRA Screening Draft May 2018

- 4.1 The North Bradley Neighbourhood Development Plan comprises 7 planning policies.
- 4.2 The two European Sites where there is a mechanism for effect from this NDP is the Bath and Bradford on Avon Bats SAC and Salisbury Plain SPA. All parts of the draft plan have been screened for potential impacts on these sites. Five policies have the potential to give rise to significant effects and are therefore taken forward to appropriate assessment in section 5 below.
- 4.3 Other policies would either not lead directly to development or would have no significant effects due to the scale and nature of the proposals in the plan.

TABLE: Habitats Regulations Assessment Screening of the North Bradley Neighbourhood Development Plan

A / B (Green) – Screened out

C / D (Red) – Screened in

Policy	Initial screening Category	Issue	Screening category after changes recommended by appropriate assessment
Policy 1: Landscape Setting and HSAP Housing Sites	C and D for Bats SAC D for Salisbury Plain SPA	One of the HSAP housing allocations (2.2: Land off the A363 at White Horse Business Park), lies within zones where impacts may lead to likely significant effects on the Bath and Bradford on Avon Bats SAC and the Salisbury Plain SPA. The NDP policy seeks to modify this HSAP allocation by identifying specific locations for housing in order to preserve a landscape gap. As such the NDP cannot rely on the appropriate assessment for the HSAP and this policy should be considered through an appropriate assessment for the NDP in relation to both European sites.	
Policy 2: Housing - General	D for Bat SAC D for Salisbury Plain SPA	This policy proposes that windfall developments should be permitted where they meet specific criteria. By identifying that such development should be located within the settlement boundary, impacts to bat habitat will be minimised. Nevertheless, it will contribute to in-combination effects of recreational pressure on the Bath and Bradford on Avon Bats SAC and the Salisbury Plain SPA and this policy should therefore be considered through appropriate assessment.	
Policy 3: Housing NDP Sites	C and D for Bats SAC D for Salisbury Plain SPA	2 sites are allocated by the NDP: Park Farm and 54 Woodmarsh which together would contribute in the order of 60 dwellings on greenfield sites. The effects of these alone and in combination with other development should be considered through an appropriate assessment for the NDP in relation to both European sites.	
Policy 4: Local Green Space	D for bats SAC	4 sites are proposed for designation as local green space. One of these, Trowbridge Town FC football Field, lies outside the North Bradley settlement area. While there are no specific proposals in the plan to enhance these sites for recreation, the policy gives scope for recreational enhancements which could give	

Policy	Initial screening Category	Issue	Screening category after changes recommended by appropriate assessment
		rise to in-combination effects on the Bath and Bradford on Avon Bats SAC. This policy should therefore be considered through an appropriate assessment.	
Policy 5: Bat Conservation Policy	A1 and A2	This policy seeks to avoid harm to bats and their habitat and as such does not lead to significant effects. However in not mentioning the TBMS, it is not adequate to overcome the issues identified in policies 1, 2, 3 and 4 above. It is essentially duplicating Core Policy 50 in the WCS.	
Policy 6: Developer Contributions Policy	C and D for Bats SAC	The provision of new and upgraded foot / cycle paths and crossing points could lead to impacts on the Bath and Bradford on Avon SAC alone if lighting adversely affects habitats used by SAC bat species for foraging, commuting or roosting. Effects could also occur in-combination with other schemes. This policy should therefore be considered through an appropriate assessment.	
Policy 7: Parish Burial Ground	A2	A new burial ground is a land use which is compatible with maintaining the Bath and Bradford on Avon Bats SAC. Design details would be considered at planning application stage	

5. Appropriate Assessment – Bath and Bradford on Avon Bats SAC

Background to the Bath and Bradford on Avon SAC

- 5.1 The following account clarifies the key geographical and ecological relationships between the Bath and Bradford on Avon Bats SAC and the North Bradley NDP area, as far as these are currently known. Details of the conservation objectives are available online. The current version is dated 30 June 2014.
- 5.2 The SAC designation extends across former stone mines which are hibernation and swarming sites for the three species of bat which are features of this SAC; great and lesser horseshoe and Bechstein's bats. The nearest mine is at Winsley approximately 8km from North Bradley. Others occur near Box and Bath. The mines are mainly used by bats during the winter and autumn.
- 5.3 While the SAC lies some distance from North Bradley, the bats roost and feed across a much wider area during the spring and summer. Horseshoe bats generally breed in buildings while a significant breeding colony of Bechstein's bats occurs in woodlands to the south of Trowbridge. The Council has prepared guidance to demonstrate how development across the whole bat landscape must take account of the SAC⁶. It identifies a number of core roosts with core areas around them (termed "consultation zones") to show where bat activity is likely to be concentrated and where particular precautions will be required.
- 5.4 Green Lane and Biss Woods, and Picket and Clanger Woods are all core roosts for Bechstein's bats and the core areas around them extend across the majority of the North Bradley NDP area. This species cannot be identified from bat detectors but there are several records for Bechstein's in the NDP area resulting from radio-tracking studies.
- 5.5 There are several reported horseshoe bat roosts in the NDP area including one at St Nicholas's church in North Bradley. The core area for a greater horseshoe core roost in Westbury extends into the southern part of the NDP area. Both horseshoe species are known to use the area for foraging and it is likely all three species fly through open countryside in the NDP area to access the SAC.
- 5.6 The forthcoming Trowbridge Bat Mitigation Strategy will take the bat SAC guidelines further in relation to potential future housing in Trowbridge and villages to the south by identifying bat sensitivity zones and specific mitigation criteria.

Plans and Projects to be considered in-combination

- 5.7 The screening Assessment found that the North Bradley NDP could lead to significant effects on the Bath and Bradford on Avon Bats SAC in combination with other plans and projects. The following assessment has been conducted taking the following plans and projects into consideration:
- Wiltshire Core Strategy (Adopted January 2015)
 - Wiltshire Housing Site Allocations Plan submission document May 2018 with proposed schedule of changes dated September 2018
 - Application 15/04736/OUT Ashton Park, Trowbridge
 - Application 16/04468/OUT land South West of Ashton Road, Trowbridge

⁶ Bat Special Areas of Conservation, planning guidance for Wiltshire. Issue 3.0, 10 September 2015

- Application 16/00547/FUL Land SE of Southview Park, Trowbridge
- Application 17/12509/FUL Land SE of Southview Park, Trowbridge
- Application 18/00985/OUT The Grange, Hilperton
- Application 16/00672/OUT Land W of Elizabeth Way, SW of Hilperton Marsh, Trowbridge
- Application 17/09961/OUT Land West Of Biss Farm, West Ashton Road, Trowbridge
- Permission 13/06879/OUT Land South of Devizes Road, Hilperton
- Permission W/11/01932/REM Land North East of Green Lane Farm, Trowbridge (completed)
- Permission W/04/02105/OUTES Land adjacent to scrapyard, Trowbridge (completed)
- Application 18/02671/FUL Sunnyside Yarnbrook Road

HRA for the Wiltshire Housing Site Allocations Plan pre-submission draft

- 5.8 The HRA for the Wiltshire Housing Site Allocations Plan pre-submission draft included an appropriate assessment of the six allocations proposed for Trowbridge and this has now been supplemented by an Addendum HRA (September 2018).
- 5.9 The HRA and its addendum concluded that allocations would not lead to an adverse effect on site integrity alone or in-combination with other plans and projects provided that:
- Sensitive habitat features on / adjacent to allocation sites are retained and buffered from development (including residential gardens) by wide, dark (<1 lux), continuous corridors of native landscaping which will allow for their long-term protection and favourable management in order to secure continued or future use by SAC bats ;
 - Development delivers new habitats to offset in-combination habitat losses due to the effect of ongoing urbanisation at a landscape scale, and;
 - Development delivers measures to offset in-combination increases in recreational pressure which are likely to occur at publicly accessible woodlands used by breeding Bechstein's bats.
- 5.10 Mitigation criteria for retaining and buffering habitat within green field sites will be detailed in the Trowbridge Bat Mitigation Strategy (TBMS) which the Council is preparing in consultation with Natural England and is well advanced. The Strategy will also detail specific mitigation measures to address in-combination effects and these will be secured with appropriate developer contributions and implemented through a scheme run by the Council.
- 5.11 The TBMS is being supported by a study investigating recreational use of publicly accessible open spaces including the woodlands south of Trowbridge used by roosting Bechstein's bats. The findings suggest that residents from North Bradley are more inclined to visit Picket and Clanger Woods and Southwick Country Park as opposed to Green Lane and Biss Woods. This is to be expected as the former sites are closer to North Bradley. The evidence suggests people drive to these sites and it is notable that Picket and Clanger Woods draw visitors from a greater distance than Southwick Country Park.

Analysis of policies in the NDP screened into appropriate assessment

Policy 1 Landscape Setting and HSAP Housing Sites

- 5.12 This policy lends unqualified support for HSAP allocations for Elm Grove (H2.1) and Southwick Court (H2.6). These two allocations are being considered under the appropriate assessment for the HSAP and need not be considered further here.
- 5.13 Policy 1 also supports the allocation in the HSAP for Land off the A363 at White Horse Business Park (H2.2) provided it is reduced from 225 to 175 dwellings and this reduction has been incorporated into the Council's published Schedule of Proposed Changes. In addition Policy 1 requires development to follow the layout set out in the Landscape Policy Map accompanying the policy and requires there should be no

development in the North Bradley Landscape Protection Area. Assuming this allocation is acceptable under the appropriate assessment for the HSAP, the question for the appropriate assessment of this NDP is whether the layout constraint imposed by the NDP could in itself lead to adverse effects.

- 5.14 Evidence from ad-hoc records indicates that North Bradley NDP area is of importance to the SAC features. In relation to Bechstein's, it appears this is due to the NDP area being located between the large breeding roosts south of Trowbridge / Westbury and the hibernation sites east of Bath. For greater and lesser horseshoes the attraction is likely to be the availability of suitable buildings within a pastoral setting. The records suggest that key habitats for all three species are likely to be the River Biss corridor, railway corridor and the network of small grazed fields / hedgerow boundaries, but no systematic survey has been completed. Such a survey would be impractical on the basis of cost and unfeasible for Bechstein's due to the limitation of current survey techniques which cannot distinguish this species on bat detectors.
- 5.15 Preliminary work for the TBMS identified that loss of habitat within several hundred metres of breeding woodlands had a high risk of causing negative impacts on Bechstein's. Land allocated at White Horse Business Park ("the gap") lies outside this zone but it falls within a zone of moderate risk where land take will require significant mitigation. Having identified "the gap" as being available and appropriate for development, Wiltshire Council sought to ensure it would be suitable for development by constraining housing quantum / footprint to ensure a sizeable proportion of open land would be retained and enhanced for bat mitigation. A precautionary approach was taken, as required by the Habitats Regulations. By allocating the site for 175 dwellings, the Council was able to demonstrate, beyond reasonable scientific doubt, that the allocation would not adversely affect the SAC.
- 5.16 Close examination of "the gap" shows that potential for habitat use by bats is as follows:
- Pasture and field hedgerows, particularly around Little Common Farm / Willow Grove, Kings Farm / Kings Folly and at the northern end of the allocation – potential for foraging by all three species, commuting by greater horseshoes and Bechstein's
 - Tree belt along western edge of White Horse Business Park – potential for foraging and commuting by all three species
 - Individual trees with existing holes etc (survey required to determine whether any currently exist in the allocation) – potential for night and day roosting by Bechstein's, possibility of small maternity roosts (Bechstein's)
 - Individual trees without holes etc – potential for future night and day roosting by Bechstein's, small maternity roosts of Bechstein's
- 5.17 The Landscape Policy Map aims to identify land which would be suitable for housing. It includes buffers for hedgerows and trees but does not allocate land for drainage and open space. The remainder of "the gap" is designated as North Bradley Landscape Protection Area.
- 5.18 On the basis of 30 units per hectare, it appears this layout would be able to accommodate the 175 units allocated in the HSAP. It would lead to loss of pasture land, fragmentation of hedgerows, deterioration of the remaining hedgerows due to light spill and loss of trees due to amenity / health and safety issues. However, in principle, I consider that the scale and nature of these losses is consistent with that anticipated for the HSAP and could be mitigated within the undeveloped Landscape Protection Area. Importantly the layout maintains a continuous wide corridor of habitat running the full length of the allocation from north-west to south-east which would help to maintain habitat connectivity between core roosts. Drainage lagoons and open space, provided these did not include any lighting, would be compatible with bat mitigation measures located within "the gap".

- 5.19 I note that, until detailed surveys of trees are undertaken, it remains unclear whether any existing Bechstein's maternity roosts are present on site. My presumption is that such a roost would have to be retained within a buffer of habitat and as such it is very unlikely it could be integrated within the development site. However, I believe the risk of a maternity roost this far from the main breeding woodlands is low. There is a greater risk of surveys identifying horseshoe roosts in buildings either within or outside the allocation boundary however I consider the layout is generally robust to this possibility.
- 5.20 As a result of street lighting on the A363 and Woodmarsh/Westbury Road which together completely encircle the allocation, there is no obvious dark route of entry for bats. Concentrations of lighting columns at roundabouts on the A363 and A350 may be influential in directing bat flight lines. In view of this and radio-tracking studies conducted for Ashton Park, it is possible that bats approaching from the east will be more likely to cross the A350 east of Yarnbrook and then the A363 just north of Meridan Park where an area of land in the White Horse Business Park remains undeveloped. The Landscape Policy Map would accommodate this scenario but bat flightlines from the south would be more constrained.
- 5.21 While other layouts could accommodate the proposed quantum of housing, this will be one of the few options which allocates sufficient land for mitigation, preserves the most valuable habitats and their connectivity within the site, and maintains habitat networks beyond the allocation boundary.

Recommendation for Policy 1: Landscape Setting and HSAP Housing Sites. The policy does not give rise to adverse effects. No changes are required to wording of the policy or supporting text.

Policy 2 Housing - General

- 5.22 Residential development at North Bradley has the potential to lead to increased recreational use of the publically accessible woodlands containing core bats roosts, i.e. Pickett and Clanger Woods, Green Lane and Biss Woods. Recent development at Castlemead demonstrates recreational pressure could be having an adverse impact on this sensitive species and while recreational pressure from any single development is unlikely to trigger effects, there is a significant risk that the combined pressure from proposed development around Trowbridge would cause a gradual reduction in both breeding success and use of the woodlands by this bat species.
- 5.23 Few residents will be expected to visit the woodlands on foot due to the distance, most will park at Green Lane Wood and Pickett and Clanger Wood. Such parking is limited but understood to not yet be at full capacity. Windfall development can therefore be expected to make a small contribution to recreational impacts in-combination with other allocations and windfall development. The TBMS which is being prepared to support the HSAP will provide a mechanism to mitigate these impacts through CIL contributions. It is therefore more appropriate for the appropriate assessment of the HSAP to consider this aspect of the NDP. However I advise that the supporting text needs to explain the relevance of the TBMS and note that all development in the Trowbridge area must comply with the requirements of that document.

Recommendation for Policy 2: Housing – General. The following text should be inserted within the supporting text for this policy:

“All new housing in the NDP area will lead to recreational impacts on core bat roosts in woodlands to the south of Trowbridge in combination with other developments. Developer contributions will therefore be used to provide mitigation measures as set out in the Trowbridge Bat Mitigation Strategy. While it is not anticipated that housing coming forward within the settlement boundary will impact on habitat used by bat species which are features of the Bath and Bradford on Avon Bats SAC, where this

is necessarily the case, development will be expected to comply with the approach outlined in the Trowbridge Bat Mitigation Strategy.”

Policy 3 – Housing NDP Sites

- 5.24 Park farm is allocated outside the settlement boundary for an indicative number of 35 dwellings and 54 Woodmarsh is allocated for an indicative number of 25 dwellings. These allocations will lead to loss of bat habitat and recreational impacts on the woodlands used by breeding Bechstein’s.
- 5.25 The TBMS recognises that greenfield sites will come forward as part of neighbourhood plans in addition to the 6 sites allocated for Trowbridge. The same approach will be used to ensure that neighbourhood plan allocations deliver the necessary on site and off site mitigation:
- a) Sensitive habitat features on / adjacent to allocation sites will be retained and buffered from development (including residential gardens) by wide, dark (<1 lux), continuous corridors of native landscaping which will allow for their long-term protection and favourable management in order to secure continued or future use by SAC bats;
 - b) Development will deliver new habitats to offset in-combination habitat losses due to the effect of ongoing urbanisation at a landscape scale, and;
 - c) Development will deliver measures to offset in-combination increases in recreational pressure which are likely to occur at publicly accessible woodlands used by breeding Bechstein’s bats
- 5.26 While b) and c) are expected to be delivered through CIL, it is expected that a) will be achieved through on site measures and this will considerably reduce the housing capacity of allocation sites. In this context, I note that while the capacity of Park Farm seems realistic, the quantum projected for 54 Woodmarsh may not be achievable if it is to meet the requirements of a) above. If this is the case, additional land off site must be identified for mitigation.
- 5.27 It is expected that the NDP allocations will need to be designed in full compliance with the guidance contained in the TBMS for both habitat and recreational impacts. As the TBMS will exercise significant control over designs coming forward, I recommend that policy wording is amended to draw attention to this matter.

Recommendation for Policy 3: Housing NDP Sites.

Park Farm SHELAA 322, replace specific point (v) with:

“In view of the risks this development presents to the SAC, this development will be expected to be surveyed, designed and mitigated in full accordance with the Trowbridge Bat Mitigation Strategy. Full mitigation for loss of habitats must be achieved within the application boundary.”

54 Woodmarsh SHELAA 1040, replace specific point (iv) with:

“In view of the risks this development presents to the SAC, this development will be expected to be surveyed, designed and mitigated in full accordance with the Trowbridge Bat Mitigation Strategy. Full mitigation for loss of habitats must be achieved within the application boundary.”

Policy 4 Local Green Space

- 5.28 Trowbridge football field is located immediately adjacent to the settlement boundary on the south side of Trowbridge. From aerial photographs most of the field is closely mown pitches and it is enclosed on all four sides by farmland hedgerows. It lies within a corridor of green fields on the south side of Trowbridge which are presumed, on a precautionary basis, to be of significance for those bat species which are features of the SAC. It is also adjacent to HSAP allocations for Elm Grove Farm and White Horse Business Park 2.
- 5.29 Policy 4 allows for "...extension or enhancement of the existing recreational facilities for the recreational benefit of the community..." The main concern from a bat perspective would be installation of lighting, especially floodlighting this has the potential to lead to impacts alone and in-combination with other development. There are no specific proposals in the plan but anticipating that new housing will lead to more intensive use of sports facilities, an application for flood lighting is not unlikely. Applications would be tested under the Habitats Regulations and potentially refused if it could not be demonstrated there would be no adverse effects on the integrity of the SAC. The TBMS provides detailed guidance on surveys and mitigation which will be expected from lighting proposals in the Trowbridge area and reference should be made to this in the supporting text. It should be noted however, that it by no means certain that floodlighting would be acceptable, despite mitigation, at the football field location.

Recommendation for Policy 4: Local Green Space. The option exists to add wording to the supporting text to ensure this guidance is followed before an application is submitted. However as the list of local priorities for developer contributions contained in Policy 6 raises the same types of issues, I consider it would be simpler to deal with by inserting wording into the supporting text of Policy 5 below.

Policy 5 Bat Conservation Policy

- 5.30 This policy is not screened into appropriate assessment. However I have recommended wording for inclusion in the supporting text to deal with potential effects arising as a result of policies 4 and 6. Both of these policies can be expected to be widely supported as they provide for community facilities and better access. This broad support may however mean their potential to adversely affect bats is overlooked and this presents a risk for the SAC.
- 5.31 I have also recommended new wording for the policy itself as it does not reflect the new requirements of the TBMS which effectively updates CP50 in respect of Trowbridge and the Bath and Bradford on Avon Bats SAC.

Recommendation for Policy 5: Bat Conservation Policy.

Policy wording - I recommend this is replaced with the following:

"The entire NDP area falls within zones of sensitivity for those species of bats which are features of the Bath and Bradford on Avon Bats SAC. All Planning applications will therefore need to comply with guidance on survey and mitigation contained in the Trowbridge Bat Mitigation Strategy. Development is unlikely to be permitted in areas identified as being of high sensitivity for bats."

Supporting text - I recommend the following wording is added (perhaps as para 8.51):

"Schemes to improve public facilities and access routes may also lead to impacts on bats, especially where these lead to increased lighting, such as floodlighting of sports pitches, or changes to the extent or management of hedgerows e.g. for improvements to footpaths and cycleways. Any such proposals should consider the guidance contained in the Trowbridge Bat Mitigation Strategy and planning applications will need to demonstrate there will be no adverse effect on bats from the application alone and in-combination with other development. Poorly sited developments may be refused but carefully

designed schemes making use of modern lighting techniques and equipment as illustrated in the above strategy, may bring improvements on sustainable transport routes for both people and bats.”

Conclusion for the Bath and Bradford on Avon Bats SAC

- 5.32 Provided that the recommendations above are incorporated into the NDP, I consider that it is possible to conclude, beyond reasonable scientific doubt, that there would be no adverse effects on the Bath and Bradford on Avon Bats SAC, alone or in combination with other plans and projects.

6 Appropriate Assessment – Salisbury Plain SPA

Background to the Salisbury Plain SPA

- 6.1 Salisbury Plain SPA encompasses a plateau of chalk grassland, which supports the following SPA features: breeding common quail, Eurasian hobby, stone-curlew and non-breeding hen harrier. Details of the conservation objectives are available online. The current version is dated 30 June 2014.
- 6.2 Evidence from research has demonstrated that stone-curlew is particularly susceptible to recreational pressure and the Council has recognised this in the HRA for Wiltshire Council Core Strategy which was supported by a strategic HRA for housing development⁷. This has been updated to support the HSAP⁸ and these documents should be referred to for the background details for this European site.
- 6.3 In consultation with Natural England, the other features are not considered to be vulnerable to recreational pressure.

Plans and projects to be considered in combination

- 6.1 The screening Assessment found that the North Bradley NDP would not lead to significant effects on the Salisbury Plain SPA alone. Impacts would only occur in combination with other plans and projects. The following plans and projects have been taken into consideration:
- Wiltshire Core Strategy (Adopted January 2015)
 - Wiltshire Housing Site Allocations Plan submission document May 2018 with proposed schedule of changes dated September 2018
 - Army basing Programme delivering 917 dwellings at 4 sites in close proximity to the Plain

HRA for the Wiltshire Housing Site Allocations Plan pre-submission draft

- 6.4 Evidence from a visitor survey commissioned by the Council in 2015 demonstrated that 75% of visitors accessing the plan lived within 6.4km of the SPA boundary and 1% of the population within that distance would be expected to visit on a regular basis. Using these findings the HSAP HRA calculated that the housing sites plan would increase visitor numbers to the Plain by 1% over the estimates calculated for the Core Strategy. This figure incorporated a number of precautionary assumptions to counteract any constraints of the data used. Taking the favourable condition of the SPA into consideration, it was considered that existing mitigation measures in place for the Core Strategy would continue to provide an effective, timely and reliable means of mitigating any additional effects from the HSAP should they arise.

⁷ HRA and Mitigation Strategy for Salisbury Plain SPA (in relation to recreational pressure from redevelopment), Wiltshire Council, 30 March 2012

⁸ HRA and Mitigation Strategy for Salisbury Plain SPA (in relation to recreational pressure from residential development), Wiltshire Council, reviewed in May 2018

Analysis of policies in the NDP screened into appropriate assessment

Policy 1 Landscape Setting and HSAP Housing Sites

- 6.5 As for the Bats SAC, the only matter for the current assessment is whether the proposed layout in policy 1 could contribute to adverse effects Salisbury Plain SPA.
- 6.6 The White Horse Business Park allocation lies just inside the 6.4km radius where housing numbers are assumed to contribute to recreational pressure. Although a small part of the allocation lies outside this limit, this is insufficient in area to accommodate the 175 dwellings being allocated. In any case the 6.4km is a tool for estimation purposes and does not represent a precise boundary where impacts will or will not occur. The distribution of housing resulting from Policy 1 is likely to be no worse or better in terms of the number of recreational visits it generates to the Plain than any other layout proposed for the allocation.

Recommendation for Policy 1: Landscape Setting and HSAP Housing Sites. The policy does not give rise to adverse effects. No changes are required to wording of the policy or supporting text.

Policy 2 Housing - General

- 6.7 This policy places constraints on windfall development but does not propose development in itself. In view of the mitigation measures currently in place for the Core Strategy, which were retested for the HSAP and found to meet the requirements of the Habitats Regulations, I do not consider that this policy would lead to adverse effects.

Recommendation for Policy 2: Housing - General. The policy does not give rise to adverse effects. No changes are required to wording of the policy or supporting text.

Policy 3 – Housing NDP Sites

- 6.8 A further 60 dwellings are allocated through this policy, Park Farm lies 6.3km from the SPA and 54 Woodmarsh lies 6km away. Sixty dwellings will give rise to 136 people, 1% of which can be expected to visit the Plain on a regular basis. This scale of visitor pressure would not contribute significantly to pressures on the Plain and is readily covered by the mitigation approach taken adopted for the Core Strategy and the HSAP.

Recommendation for Policy 3: Housing NDP Sites. The policy does not give rise to adverse effects. No changes are required to wording of the policy or supporting text.

Conclusion for the Salisbury Plain SPA

- 6.9 I consider that no changes are required to the NDP in order to conclude, beyond reasonable scientific doubt, that there would be no adverse effects on the Salisbury Plain SPA, alone or in- combination with other plans and projects.