

Appendix B - Assessments of the Preferred Options & Policy Directions

Score	Description
++	Option likely to result in a significant positive effect
+	Option likely to result in a minor positive effect
N	Neutral (neither positive or negative significant effect)
?	The impact between the option and SA objective is uncertain
-	Option likely to result in a minor negative effect
--	Option likely to result in a significant negative effect

Preferred policy direction for Strategic policy: Our spatial strategy

Sustainability Objective	No development	Balanced growth- Urban & Key Rural Settlements	Plus neighbour needs	Above need for market signals	Appraisal Comments
<p>To provide housing to meet local need including provision of affordable homes.</p>	--	++	-	++	<p>Providing everyone with an opportunity to live in a decent and affordable home is a key objective of the Lichfield Local Plan Review (Strategic Objective 6). There is a shortage of affordable housing in the district.</p> <p>No growth would have a significant effect by not meeting local need especially for those who cannot afford to live in the district in existing stock.</p> <p>By definition, helping to meet neighbouring lpa needs is not meeting local need but there may be some benefit if in-migrants work locally and boost the local economy.</p> <p>Responding to local market signals would meet not just basic need but also latent demand to live in an attractive district.</p> <p>The preferred balanced growth option is a significantly beneficial one in that it would meet exactly local need.</p>
<p>To promote safe communities and reduce fear of crime</p>	+	N	-	-	<p>Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Crime and anti-social behaviour could further increase due to the anticipated levels of growth in all three growth options. Strategic Objective 11 seeks to ensure a high standard of community safety and thus the preferred growth option will need to include reference to specific measures, including designing out crime and investment in local policing, to minimise crime and fear of crime. On this basis, the preferred growth option will have a neutral effect on this sustainability objective.</p> <p>A no development option would maintain the status quo on crime rate.</p> <p>Taking neighbouring district's needs increases crime opportunities but is small risk relative to the overall situation and therefore insignificantly negative.</p>

Preferred policy direction for Strategic policy: Our spatial strategy

Sustainability Objective	No development	Balanced growth- Urban & Key Rural Settlements	Plus neighbour needs	Above need for market signals	Appraisal Comments
<p>Improve access to health facilities and promote wellbeing</p>	N	++	+	++	<p>Strategic Objective 11 seeks to promote and ensure healthy choices and healthier living. New development has the potential to offer the opportunity to 'design-in' new indoor and outdoor leisure facilities and bring forward new or expanded health facilities therefore all of the residential growth options will have a positive effect on this sustainability objective. No future development would prevent the opportunity for health-related regeneration.</p> <p>Balanced growth and above need development offer the opportunity for a significant positive effect. Helping to meet neighbour needs would mean relatively lower level of investment/resources for health and leisure related facilities for that need and thus will only have a minor positive effect on this sustainability objective.</p> <p>The IDP will mitigate on this objective.</p>
<p>Maximise the use of previously developed land/ buildings and encourage the efficient use of land</p>	--	+	+	-	<p>No development would miss the opportunity to positively use previously developed land and thus will have a significant negative effect on this sustainability objective.</p> <p>Balanced growth seeks to focus development within or adjacent to the settlement boundaries of the Towns and Key Villages. This will include previously developed land but also open land outside the settlement boundaries; however, this approach will ensure that land is used efficiently and thus represents a minor positive effect on this sustainability option. Meeting neighbour needs may have a similar effect on this sustainability objective depending upon development locations and whether the growth can be accommodated on previously developed land . There may be opportunities for cross boundary locations on neighbouring previously developed land.</p>

Preferred policy direction for Strategic policy: Our spatial strategy

Sustainability Objective	No development	Balanced growth- Urban & Key Rural Settlements	Plus neighbour needs	Above need for market signals	Appraisal Comments
					Above need growth may put pressure on to focus new development outside of existing settlement boundaries on open land. This option, therefore, represents a negative effect on this sustainability objective.
To improve educational attainment of the working age population	-	+	+	+	All growth options have the potential to indirectly improve education attainment providing new education investment/facilities are brought forward if brought forward within a mix of uses in conjunction with the residential development. No development negates the opportunity for improvement.
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	--	+	+	+	<p>All growth options have the potential to indirectly improve economic growth in the District by providing employment in the housing building sector and within a mix of uses being brought forward in conjunction with the residential development. The policy explicitly promotes integrated development to prevent unsustainable out-commuting.</p> <p>No development would stagnate the local economy and possibly export growth.</p> <p>The promotion of economic prosperity is a strategic objective of the Local Plan Review (Strategic Objective 8). The development of all the Growth Options will contribute to this sustainability objective and represents a minor positive effect.</p>
To manage water availability and reduce	N	N	N	N	Specific measures relating to the management of water availability and the minimisation of water or air pollution levels have been considered in the Lichfield District Local Plan Review: Core Policy 3.

Preferred policy direction for Strategic policy: Our spatial strategy

Sustainability Objective	No development	Balanced growth- Urban & Key Rural Settlements	Plus neighbour needs	Above need for market signals	Appraisal Comments
water and air pollution					Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will not result in water or air pollution. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the options represent a neutral effect on this sustainability objective.
To minimise waste and increase the recycling and reuse of waste materials	N	+	+	+	<p>Specific measures relating to the minimisation of waste and recycling have been considered in the Lichfield District Local Plan Review: Core Policy 3. This is an important consideration as waste arisings will inevitably increase due to the increase in the District’s households and economic activity, which it is hoped CP3 will mitigate.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will provide facilities to allow the recycling of materials. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the growth options represent a positive effect on this sustainability objective.</p> <p>A no development alternative would maintain the current situation.</p>
To reduce and manage flood risk and surface water run off	N	N	N	N	<p>Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change.</p> <p>The spatial options of the Lichfield District Local Plan Review: Preferred Options document do not have geographic boundaries and therefore impacts on flood risk areas cannot be fully assessed at this stage. The future stages of the Sustainability Appraisal of the Local Plan Review will assess flood risk in detail. Development under all options will inevitably increase impermeable surfaces resulting in increased water run-off and potential pollution of water courses.</p>

Preferred policy direction for Strategic policy: Our spatial strategy

Sustainability Objective	No development	Balanced growth- Urban & Key Rural Settlements	Plus neighbour needs	Above need for market signals	Appraisal Comments
					Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development is accompanied by initiatives to reduce run off. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the options represent a neutral effect on this sustainability objective.
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	N	N	N	N	<p>Strategic Objective 3 seeks to minimise the effect of new development, required to meet the needs of the District, on the environment and help the District mitigate and adapt to the adverse effects of climate change.</p> <p>Mitigating the effects of climate change is a 'cross discipline' issue and existing policies in the Lichfield Local Plan Strategy, especially Core Policy 3, seek to address this sustainability objective in the context of promoting sustainable development. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>
To promote biodiversity protection enhancement and management of species and habitats	N	N	N	N	<p>All growth options have the potential to impact negatively on the District's biodiversity assets in both the urban and countryside areas but also offer the opportunity for significant ecological enhancement and habitat creation. Ultimately impacts on the biodiversity will depend on quantum of new land take together with the location and design of the proposed growth areas.</p> <p>Existing Policy NR3 in the Lichfield Local Plan Strategy seeks to ensure that new development does not result in an adverse effect on biodiversity, protected species or their habitats. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the growth</p>

Preferred policy direction for Strategic policy: Our spatial strategy

Sustainability Objective	No development	Balanced growth- Urban & Key Rural Settlements	Plus neighbour needs	Above need for market signals	Appraisal Comments
					options. Based on the above, all the options represent a neutral effect on this sustainability objective.
To ensure the protection and enhancement of the historic environment and its setting	-	N	N	N	<p>All growth options have the potential to result in negative impacts on the historic environment, including archaeological remains, and their settings.</p> <p>The spatial options Lichfield District Local Plan Review: Preferred Options document do not have specific geographic boundaries and therefore impacts on the historic environment cannot be assessed at this stage.</p> <p>Existing Core Policy 14 in the Lichfield Local Plan Strategy seeks to ensure that new development does not result in an adverse impact on the built or historic environment. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the growth options. Based on the above, all the growth options represent a neutral effect on this sustainability objective.</p> <p>The no development option would have a negative effect as there would be no opportunity for enhancement of the historic environment.</p>
Protect, enhance and manage the character and quality of the landscape and townscape	-	N	N	N	<p>All growth options have the potential to impact negatively on the District's landscape and townscape. Ultimately impacts on the landscape and townscape will depend on quantum of new land take together with the location and design of the proposed growth areas. The spatial options Lichfield District Local Plan Review: Preferred Options document does not have specific geographic boundaries and therefore impacts on the landscape and townscape cannot be fully assessed at this stage.</p> <p>Strategic Objective 12 seeks to protect and enhance the quality and character of the District's landscape character including the openness of the Green Belt. Existing policies in the Lichfield Local Plan Strategy seek to ensure</p>

Preferred policy direction for Strategic policy: Our spatial strategy

Sustainability Objective	No development	Balanced growth- Urban & Key Rural Settlements	Plus neighbour needs	Above need for market signals	Appraisal Comments
					<p>that new development does not result in an adverse effect on the landscape and townscape of the District. These policies will be taken forward into the Local Plan Review and thus the implementation of the policies will apply to all the growth options. Based on the above, all the growth options represent a neutral effect on this sustainability objective.</p> <p>The no development option would have a negative effect as there would be no opportunity for enhancement of the character and quality of the landscape and townscape.</p>
To increase opportunities for non-car travel and reduce the need for travel	N	+	N	-	<p>The Balanced Growth option offers the best opportunity to increase non-car travel and reducing the need for travel due to the focussing of new development in existing settlements where public transport, including opportunities for enhanced services, is available. Based on this, it has a minor positive effect on this sustainability objective.</p> <p>No development would maintain the status quo on travel pattern.</p> <p>Meeting neighbour needs is assessed as neutral as it would depend on how the compulsion to live in Lichfield District rather than in the need hosts areas will lead to sustainability negative travel needs to work and services. It is for the host lpas to help assess these effects.</p> <p>Above need growth would lead to increased travel pressures on infrastructure which become less mitigatable as growth spreads.</p> <p>It is accepted that existing policies in the Lichfield Local Plan Strategy seek to promote sustainable transport which, if implemented, will improve the assessment for growth options by the provision/investment in new or enhanced public transport in conjunction with the proposed residential</p>

Preferred policy direction for Strategic policy: Our spatial strategy					
Sustainability Objective	No development	Balanced growth- Urban & Key Rural Settlements	Plus neighbour needs	Above need for market signals	Appraisal Comments
					development. Specific measures have been considered in the Lichfield District Local Plan Review: Preferred Options document under Core Policy 5.

Summary

On the maximising the use of previously developed land/ buildings and encouraging the efficient use of land objective, the Council's balanced growth preferred option is not as sustainable as the Scope document Option1: Town focussed Development but is still positive effect. It is much more sustainable than no development which would not use land positively and efficiently, and better than above need growth option which would become dependent upon undeveloped land.

For the travel objective, the balanced growth option is less sustainable than Option1: Town focussed Development with its concentrated travel availability but better than the greater than local need options which lead to more dispersed development with diminishing infrastructure.

Preferred strategic policy: securing sustainable development			
Sustainability Objective	No policy	securing sustainable development	Appraisal Comments
To provide housing to meet local need including provision of	--	++	Providing everyone with an opportunity to live in a decent and affordable home is a key objective of the Lichfield Local Plan Review (Strategic Objective 6). There is a shortage of affordable housing in the district. No policy would not give the certainty developers need to provide homes.

Preferred strategic policy: securing sustainable development

Sustainability Objective	No policy	securing sustainable development	Appraisal Comments
affordable homes.			The policy would have a significant positive effect upon the objective as homes are the principal contribution to sustainable development.
To promote safe communities and reduce fear of crime	--	++	<p>Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Crime and anti-social behaviour could further increase due to the anticipated levels of growth in all three growth options. Strategic Objective 11 seeks to ensure a high standard of community safety.</p> <p>No policy would fail to deliver this objective as it is contrary to delivering the social conditions SD involves.</p> <p>The policy's reference to social conditions would include community safety.</p>
Improve access to health facilities and promote wellbeing	-	+	<p>Strategic Objective 11 seeks to promote and ensure healthy choices and healthier living. New development has the potential to offer the opportunity to 'design-in' new indoor and outdoor leisure facilities and bring forward new or expanded health facilities.</p> <p>No policy would fail to deliver this objective through planning, although health facilities may be delivered by other means.</p> <p>Health facilities would be part of the social conditions promoted by the policy.</p> <p>The IDP will mitigate on this objective.</p>
Maximise the use of previously developed land/ buildings and encourage the efficient use of land	--	++	<p>No policy would fail to deliver this objective as the Council could not ensure efficient use of land.</p> <p>Efficient use of land is the core of securing sustainable development.</p>
To improve educational attainment of	-	+	No policy would fail to promote the social condition of this objective, however, education could be provided irrespectively.

Preferred strategic policy: securing sustainable development

Sustainability Objective	No policy	securing sustainable development	Appraisal Comments
the working age population			The policy would support education as part of social conditions but is beyond the total control of planning.
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	--	++	No policy would fail to deliver this objective due to lack of management. This may be the principal result of the policy on this objective.
To manage water availability and reduce water and air pollution	-	+	No policy would limit control on this objective, although other agencies share responsibility. The policy's support for environmental conditions would include this objective.
To minimise waste and increase the recycling and reuse of waste materials	-	+	No policy would limit control on this objective. The policy's support for environmental conditions would include this objective.
To reduce and manage flood	--	++	Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change. No policy would significantly remove the Council's control on this objective.

Preferred strategic policy: securing sustainable development

Sustainability Objective	No policy	securing sustainable development	Appraisal Comments
risk and surface water run off			The policy will be a significant contributor to this objective, as a significant component of environmental conditions.
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	--	++	No policy would fail to deliver on this objective which is central to sustainable development. The policy would be a significant contributor to the Council supporting this wide objective.
To promote biodiversity protection enhancement and management of species and habitats	--	+	No policy would fail to deliver on this objective. The policy will contribute to this environmental condition but balanced against other needs arising from economic and social conditions.
To ensure the protection and enhancement of the historic environment and its setting	--	+	Because the historic environment is so ubiquitous, no policy would significantly fail to deliver on this objective. The policy will contribute to this environmental condition but balanced against other needs arising from economic and social conditions.
Protect, enhance and manage the character and quality of the	--	+	Because the spatial scope of this objective is universal, no policy would significantly fail to deliver on it. The policy will contribute to this environmental condition but balanced against other needs arising from economic and social conditions.

Preferred strategic policy: securing sustainable development

Sustainability Objective	No policy	securing sustainable development	Appraisal Comments
landscape and townscape			
To increase opportunities for non-car travel and reduce the need for travel	-	+	<p>No policy would reduce the Council's control on this objective but other agencies are also involved.</p> <p>The policy would contribute to this objective so long as opportunities are taken up, including by other agencies.</p>

Summary

Generally, having no policy would be significantly detrimental to sustainability. The policy has significant benefits on the homes, community safety, efficient use of land, economic, flood risk and climate change objectives; and no negatives; therefore having the policy is better than not.

Delivering Sustainable Development Policy

Sustainability Objective	Delivering Sustainable Development policy	Appraisal Comments
To provide housing to meet Local need including	?	Most of the policy criteria could be seen as a constraint on housing provision by limiting options, but the affordable housing criteria mitigate this negativity. The limitations will be locationally determined and therefore uncertain.
To promote safe communities and reduce fear of crime	N	The policy could be enhanced on this objective by reference to community safety.
Improve access to health facilities and promote wellbeing	+	Strategic Objective 11 seeks to promote and ensure healthy choices and healthier living. Air quality has an effect on wellbeing in various ways including health. References in criteria to facilities include health, therefore positive.

Sustainability Objective	Delivering Sustainable Development policy	Appraisal Comments
<p>Maximise the use of previously developed land/ buildings and encourage the efficient use of land</p>	<p>+</p>	<p>There is a criteria for previously developed land, therefore positive but may be limited by other criteria locationally.</p>
<p>To improve educational attainment of the working age population</p>	<p>?</p>	<p>The facilities criteria may support this objective but delivery of them uncertain.</p>

Sustainability Objective	Delivering Sustainable Development policy	Appraisal Comments
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	+	Several criteria support this objective but other criteria may limit delivery.
To manage water availability and reduce water and air pollution	++	Criteria are designed to meet this objective.
To minimise waste and increase the recycling and reuse of waste materials	++	Criteria are designed to meet this objective.

Sustainability Objective	Delivering Sustainable Development policy	Appraisal Comments
To reduce and manage flood risk and surface water run off	++	Criteria are designed to meet this objective.

<i>Sustainability Objective</i>	<i>Delivering Sustainable Development policy</i>	<i>Appraisal Comments</i>
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	++	<p>Strategic Objective 3 seeks to localize the effect of new development, required to meet the needs of the District, on the environment and help the District mitigate and adapt to the adverse effects of climate change.</p> <p>The overarching purpose of this policy is to deliver this objective.</p>
To promote biodiversity protection enhancement and management of species and habitats	+	There is a positive criteria on this objective but delivery may be limited by other criteria promoting development in conflicting locations.

Sustainability Objective	Delivering Sustainable Development policy	Appraisal Comments
To ensure the protection and enhancement of the historic environment and its setting	+	There is a positive criteria on this objective but delivery may be limited by other criteria promoting development in conflicting locations.
Protect, enhance and manage the character and quality of the landscape and townscape	++	There is a strongly positive criteria on this objective.

Sustainability Objective	Delivering Sustainable Development policy	Appraisal Comments
To increase opportunities for non-Car travel and reduce the need for need for travel	++	There is a positive criteria on this objective.

Summary

The policy is generally positive with significant positive effects upon the pollution, waste, flood risk, climate change, landscape and townscape and travel objectives.

Preferred Policy Direction: Renewable Energy

Sustainability Objective	No policy	Flexible	Site allocations	areas of opportunity	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	N	N	N	No relevance to this objective.
To promote safe communities and reduce fear of crime	N	N	N	N	No direct link to this policy.
Improve access to health facilities and promote wellbeing	?	?	?	?	No direct relevance to this policy but renewable energy could contribute to wellbeing through tackling issues like fuel poverty.
Maximise the use of previously developed land/ buildings and encourage the efficient use of land	-	-	+	?	<p>No policy would fail to deliver this objective as the Council could not ensure delivery of renewables.</p> <p>A flexible policy would fail to deliver this objective as the Council could not ensure efficient use of land.</p> <p>Specific allocation of sites for renewable energy could guide options to previously developed land.</p> <p>Identifying areas of opportunity for renewable energy could include guidance to previously developed land.</p>
To improve educational attainment of the	N	N	N	N	No direct link to this policy.

Preferred Policy Direction: Renewable Energy

Sustainability Objective	No policy	Flexible	Site allocations	areas of opportunity	Appraisal Comments
working age population					
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	--	+	++	+	<p>No policy would fail to deliver this objective.</p> <p>A flexible policy would allow developers to choose sites to their perceived economic advantage.</p> <p>Site allocations would provide most certainty on delivery.</p> <p>Identifying areas of opportunity for renewable energy would give some certainty on delivery and would be in line with the opportunities to maximise the economic benefit but within environmental limits.</p>
To manage water availability and reduce water and air pollution	--	-	+	++	<p>No policy would fail to deliver on this objective.</p> <p>A flexible policy would fail to sufficiently guide developers in meeting this objective.</p> <p>Specific allocation of sites for renewable energy would support the air pollution element of this policy.</p> <p>Identifying areas of opportunity for renewable energy would have the benefit of supporting the air pollution element of this policy and protect the water environment where relevant.</p>
To minimise waste and increase the	N	N	N	N	No direct link to this policy.

Preferred Policy Direction: Renewable Energy

Sustainability Objective	No policy	Flexible	Site allocations	areas of opportunity	Appraisal Comments
recycling and reuse of waste materials					
To reduce and manage flood risk and surface water run off	-	?	+	++	<p>Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change.</p> <p>No policy would remove the Council’s control on this objective.</p> <p>Site allocations would provide infrastructure to indirectly reduce flood risk by contributing to reducing climate change.</p> <p>Identifying areas of opportunity for renewable energy will be a significant contributor to this objective as it could provide infrastructure to indirectly reduce flood risk by contributing to reducing climate change, and guide options away from sensitive landscapes which could include those at flood risk.</p>
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	--	+	++	++	<p>No policy would fail to deliver on this objective for an issue which could significantly contribute.</p> <p>A flexible policy may support this objective through infrastructure which contributes.</p> <p>Both site allocations and identifying areas of opportunity would be a significant contributor to the Council supporting this objective through relevant infrastructure.</p>
To promote biodiversity protection enhancement and	N	N	N	N	<p>No direct link to this policy but this type of energy is the least harmful to biodiversity so long as the buildings are appropriately located, which would be best controlled by site allocations and guiding away from sensitive landscapes which may support biodiversity.</p>

Preferred Policy Direction: Renewable Energy

Sustainability Objective	No policy	Flexible	Site allocations	areas of opportunity	Appraisal Comments
management of species and habitats					
To ensure the protection and enhancement of the historic environment and its setting	-	--	?	+	<p>No policy would miss the opportunity to promote a type of energy which indirectly benefits the historic environment by reducing harmful pollution and climate change.</p> <p>Renewable energy infrastructure can often conflict with the historic environment.</p> <p>A flexible policy may lead to conflict with the historic environment through other objectives.</p> <p>Depends upon the location of site allocations in relation to the historic environment.</p> <p>Identifying areas of opportunity for renewable energy may include guidance to locations away from sensitive landscapes which could include historic environment.</p>
Protect, enhance and manage the character and quality of the landscape and townscape	-	-	?	+	<p>No policy would miss an opportunity to control conditions which are harmful to this objective such as degrading pollution and climate change.</p> <p>A flexible policy may lead to options which conflict with this objective.</p> <p>Renewable energy infrastructure may be presently alien to some landscape and townscape so site allocations could conflict with this objective.</p> <p>The safeguards on sensitive landscapes in identifying areas of opportunity for renewable energy benefit this objective and by</p>

Preferred Policy Direction: Renewable Energy

Sustainability Objective	No policy	Flexible	Site allocations	areas of opportunity	Appraisal Comments
					guiding options to appropriate locations for the mutual benefit of the policy and the objective.
To increase opportunities for non-car travel and reduce the need for travel	N	N	N	N	No direct link to this policy as options depend upon resources locations but accessibility for workers would be determined by location which is better controlled by the less flexible policy options.

Summary

Having no policy would be generally negative, significantly for economic growth, pollution and climate change objectives.

A Policy Map identifying areas of opportunity for renewable energy is the most sustainable option, being mostly positive with significant benefits for the pollution, flood risk and climate change objectives.

A flexible policy would have a significant negative effect upon the historic environment objective and no significant benefit. Site allocations would have significant positive effects on the economic and climate change objectives.

Preferred policy direction: flood risk

Preferred policy direction: Flood Risk		
Sustainability Objective	Preferred policy direction: Flood Risk	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	No direct link to this policy
To promote safe communities and reduce fear of crime	N	No direct link to this policy.
Improve access to health facilities and promote wellbeing	N	No direct link to this policy.
Maximise the use of previously developed land/buildings and encourage the efficient use of land	N	No direct link to this policy.
To improve educational	N	No direct link to this policy.

Preferred policy direction: Flood Risk

Sustainability Objective	Preferred policy direction: Flood Risk	Appraisal Comments
attainment of the working age population		
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	N	No direct link to this policy.
To manage water availability and reduce water and air pollution	++	This policy will contribute to this objective.
To minimise waste and increase the recycling and reuse of waste materials	N	No direct link to this policy.
To reduce and manage flood risk and surface water run off	++	Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change. No direct link to this objective but the use of sustainable urban drainage systems will support it.
To reduce and manage the	N	No direct link to this policy.

Preferred policy direction: Flood Risk

Sustainability Objective	Preferred policy direction: Flood Risk	Appraisal Comments
impacts of climate change and the Districts contribution to the causes of.		
To promote biodiversity protection enhancement and management of species and habitats	N	No direct link to this policy.
To ensure the protection and enhancement of the historic environment and its setting	N	No direct link to this policy.
Protect, enhance and manage the character and quality of the landscape and townscape	N	No direct link to this policy.
To increase opportunities for	N	No direct link to this policy.

Preferred policy direction: Flood Risk		
Sustainability Objective	Preferred policy direction: Flood Risk	Appraisal Comments
non-car travel and reduce the need for travel		

Summary

The Policy will have a significant effect on managing water resources and flood risk. The policy is in line with the National Planning Policy Framework and therefore shares its assessment as sustainable.

Preferred policy direction: Air quality

Sustainability Objective	No policy	Air quality policy	Appraisal Comments
To provide housing to meet local need including	N	?	No policy has no correlation to this objective. In the presence of AQMAs, if homes cannot be allocated in these areas or permitted in combination which impact upon them, then an air quality could be a constraint on housing provision.
To promote safe communities and reduce fear of crime	N	N	There is no direct link to the objective.
Improve access to health facilities and promote wellbeing	-	+	No policy would fail to promote wellbeing. Strategic Objective 11 seeks to promote and ensure healthy choices and healthier living. Air quality has an effect on wellbeing in various ways including health.
Maximise the use of previously developed land/ buildings and encourage the efficient use of land	N	-	No policy would maintain the current situation. Existing adverse air quality areas are more likely to be in built up areas of previously developed land/ buildings, therefore air quality constraints on development location are likely to negatively affect the use of previously developed land/ buildings.
To improve educational attainment of the working age population	N	N	No relationship is expected.

Sustainability Objective	No policy	Air quality policy	Appraisal Comments
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	N	N	There would be negligible effect on a sustainable economy.
To manage water availability and reduce water and air pollution	--	++	No policy would fail to meet this objective. The proposed policy is designed to meet this objective.
To localise waste and increase the recycling and reuse of waste materials reuse of waste materials	N	N	No correlation.
To reduce and manage flood risk and surface water run off	N	N	No correlation.

Sustainability Objective	No policy	Air quality policy	Appraisal Comments
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	-	+	<p>Strategic Objective 3 seeks to localize the effect of new development, required to meet the needs of the District, on the environment and help the District mitigate and adapt to the adverse effects of climate change.</p> <p>No policy would fail to support this objective.</p> <p>An air quality policy will help to meet this objective by controlling a source of climate change.</p>
To promote biodiversity protection enhancement and management of species and habitats	-	+	<p>No policy would fail to support this objective.</p> <p>An Air quality policy will have a positive effect on biodiversity as air quality is known to have a negative impact on biodiversity, especially the SAC.</p>

Sustainability Objective	No policy	Air quality policy	Appraisal Comments
To ensure the protection and enhancement of the historic environment and its setting	N	+	<p>No policy would maintain the status quo.</p> <p>An Air quality policy will have a positive effect on the historic environment as air quality is known to have a negative impact on it through deterioration of asset materials.</p>
Protect, enhance and manage the character and quality of the landscape and townscape	?	?	Any effects on this objective would be determined by the alternative locations of development if it is displaced by implementation of an air quality policy.

Sustainability Objective	No policy	Air quality policy	Appraisal Comments
<p>To increase opportunities for non-</p> <p>Non-car travel and reduce And reduce the need for need for travel</p>	?	?	<p>Any effects on this objective would be determined by the alternative locations of development if it is displaced by implementation of an air quality policy.</p> <p>There may be a link as travel is the source of air pollution in Lichfield district.</p>

Summary

No policy would have mostly negative effects upon the objectives, significantly upon the pollution objective. A policy would have mixed effects upon the sustainability objectives with a significant positive effect on the pollution objective as would be hoped.

Preferred Policy Direction: Delivering our infrastructure

Sustainability Objective	No policy	Delivering our infrastructure	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	--	++	<p>Providing everyone with an opportunity to live in a decent and affordable home is a key objective of the Lichfield Local Plan Review (Strategic Objective 6). There is a shortage of affordable housing in the district. It is considered that homes are a key part of the infrastructure of the District.</p> <p>No policy would not give the certainty developers need to provide homes.</p> <p>The policy would have a significant positive effect upon the objective.</p>
To promote safe communities and reduce fear of crime	--	+	<p>Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Crime and anti-social behaviour could further increase due to the anticipated levels of growth. Strategic Objective 11 seeks to ensure a high standard of community safety.</p> <p>No policy would fail to deliver this objective as infrastructure contributes to the conditions for community safety.</p> <p>The policy would be positive to this objective through meeting local needs to support development but reference could be made to community safety engineered through infrastructure in line with paragraphs 91 and 95 Of the NPPF.</p>
Improve access to health facilities and promote wellbeing	--	++	<p>Strategic Objective 11 seeks to promote and ensure healthy choices and healthier living. New development has the potential to offer the opportunity to 'design-in' new indoor and outdoor leisure facilities and bring forward new or expanded health facilities.</p> <p>No policy would fail to deliver this objective through planning, although health facilities may be delivered by other means.</p> <p>The policy is intended to deliver health facilities as part of infrastructure.</p>
Maximise the use of previously developed land/ buildings and	--	+	<p>No policy would fail to deliver this objective as the Council could not ensure efficient use of land.</p> <p>The policy would assist this objective by supporting the efficient use of land.</p>

Preferred Policy Direction: Delivering our infrastructure

Sustainability Objective	No policy	Delivering our infrastructure	Appraisal Comments
encourage the efficient use of land			
To improve educational attainment of the working age population	-	++	<p>No policy would fail to deliver on this objective, however, education could be provided irrespective.</p> <p>The policy would support education as part of infrastructure delivery.</p>
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	--	++	<p>No policy would fail to deliver this objective by not delivering infrastructure to support development in order to support economic growth.</p> <p>Provision of infrastructure is critical to achieving economic growth.</p>
To manage water availability and reduce water and air pollution	-	++	<p>No policy would fail to deliver on this objective due to the necessary infrastructure requirements, although other agencies share responsibility.</p> <p>The policy includes provision for this objective.</p>

To minimise waste and increase the recycling and reuse of waste materials	-	++	No policy would limit control on this objective. The policy supports provision for this objective.
To reduce and manage flood risk and surface water run off	-	++	Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change. No policy would remove the Council's provision for this objective, although other providers exist. The policy will be a significant contributor to this objective.
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	-	+	No policy would fail to deliver on this objective through appropriate infrastructure. The policy would contribute to infrastructure which could support this objective.
To promote biodiversity protection enhancement and management of species and habitats	N	?	There is no direct link to this objective. Delivering infrastructure could be mitigated on this objective by location and design.
To ensure the protection and enhancement of the historic	N	?	No policy would remove the circumstances which could impact on this objective. Effects would depend upon the locations of the infrastructure.

environment and its setting			
Protect, enhance and manage the character and quality of the landscape and townscape	N	?	No policy would remove the circumstances which could impact on this objective. Effects would depend upon the locations of the infrastructure which could be mitigated by design.
To increase opportunities for non-car travel and reduce the need for travel	-	+	No policy would reduce the Council's control on this objective but other agencies are also involved. The policy could contribute to this objective by the design of the infrastructure, including by other agencies.

Summary

Generally, having no policy would have negative effects upon this objective, significantly on the homes, community safety, health, efficient use of land and economic growth objectives. The policy would have significant positive effects on seven objectives; and no negatives; therefore having the policy is better than not.

Preferred policy direction: sustainable transport		
Sustainability Objective	Preferred policy direction: sustainable transport	Appraisal Comments

Preferred policy direction: sustainable transport

Sustainability Objective	Preferred policy direction: sustainable transport	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	No direct link to this policy but homes are difficult to deliver without sustainable transport especially if the residual cumulative impacts on the road network would be severe.
To promote safe communities and reduce fear of crime	N	No direct link to this policy.
Improve access to health facilities and promote wellbeing	N	No direct link to this policy.
Maximise the use of previously developed land/buildings and encourage the efficient use of land	+	Sustainable transport is a contributor to delivering this objective by encouraging the efficient use of land.
To improve educational attainment of the	N	No direct link to this policy.

Preferred policy direction: sustainable transport

Sustainability Objective	Preferred policy direction: sustainable transport	Appraisal Comments
working age population		
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	++	Sustainable transport is a significant contributor to economic growth.
To manage water availability and reduce water and air pollution	+	Sustainable transport as promoted by this policy will contribute to this objective.
To minimise waste and increase the recycling and reuse of waste materials	?	No direct link to this objective but the use of sustainable construction method will support it.
To reduce and manage flood risk and surface water run off	?	Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change. No direct link to this objective but the use of sustainable urban drainage systems will support it.
To reduce and manage the impacts of	+	Sustainable transport supports this objective but some projects will lead to consequential negative effects on this objective through provision for traffic.

Preferred policy direction: sustainable transport

Sustainability Objective	Preferred policy direction: sustainable transport	Appraisal Comments
climate change and the Districts contribution to the causes of.		
To promote biodiversity protection enhancement and management of species and habitats	?	Sustainable transport would be beneficial to this objective but dependent upon location and consequential effects such as pollution.
To ensure the protection and enhancement of the historic environment and its setting	?	Depends upon locations.
Protect, enhance and manage the character and quality of the landscape and townscape	?	Depends upon project locations and if the landscape and townscape can absorb constructions.
To increase opportunities for	+	By definition the policy should meet this objective but the road linked projects negate some positive effect.

Preferred policy direction: sustainable transport		
Sustainability Objective	Preferred policy direction: sustainable transport	Appraisal Comments
non-car travel and reduce the need for travel		

Summary

Generally this policy is positively sustainable, especially to the economic growth objective, with no negative effects.

Preferred policy direction for strategic policy: Our homes for the future – housing provision

The assessment of this policy is covered by assessments of the various options to deliver it, as included:-

housing requirement reasonable alternatives; our spatial strategy reasonable alternatives; our housing mix reasonable alternatives; the traveller policy; and maximising the use of previously developed land/ buildings and encouraging the efficient use of land is an objective for this sustainability appraisal.

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution	Local housing need plus 2,000 home contribution	Local housing need plus 3,000 home contribution	Local housing need plus 4,500 home contribution	Local housing need plus 10,000 home contribution	Local housing need plus 19,000 home contribution	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	++	+	+	N	N	-	-	<p>Providing everyone with an opportunity to live in a decent and affordable home is a key objective of the Lichfield Local Plan Review (Strategic Objective 6). There is a shortage of affordable housing in the district.</p> <p>By definition, helping to meet neighbouring lpa needs, all the options except the local housing need only option, is not meeting local need but there may be some benefit if in-migrants work locally and boost the local economy.</p> <p>The up to 2000 homes contributions</p>

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution	Local housing need plus 2,000 home contribution	Local housing need plus 3,000 home contribution	Local housing need plus 4,500 home contribution	Local housing need plus 10,000 home contribution	Local housing need plus 19,000 home contribution	Appraisal Comments
								<p>options would have positive effects as the contributions are consistent with the current objectively assessed need for the district incorporated into the current local plan.</p> <p>The 3, and 4,500 options are considered to be neutral as they are consistent with sustainable urban extensions evidence.</p> <p>The greatest contributions options are considered to have negative effects as they provide significantly beyond local need with consequential negative effects on sustainable infrastructure</p>

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution	Local housing need plus 2,000 home contribution	Local housing need plus 3,000 home contribution	Local housing need plus 4,500 home contribution	Local housing need plus 10,000 home contribution	Local housing need plus 19,000 home contribution	Appraisal Comments
								<p>supporting local need.</p> <p>All options do however give positive potential for affordable housing which reduces any significant effect which would be contrary to this objective.</p>
To promote safe communities and reduce fear of crime	N	-	-	-	-	-	-	<p>Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Crime and anti-social behaviour could further increase due to the anticipated levels of growth in all these growth options.</p>

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution	Local housing need plus 2,000 home contribution	Local housing need plus 3,000 home contribution	Local housing need plus 4,500 home contribution	Local housing need plus 10,000 home contribution	Local housing need plus 19,000 home contribution	Appraisal Comments
								<p>Strategic Objective 11 seeks to ensure a high standard of community safety and thus the preferred growth option will need to include reference to specific measures, including designing out crime and investment in local policing, to minimise crime and fear of crime. On this basis, the local need only growth option will have a neutral effect on this sustainability objective.</p> <p>Taking neighbouring district's needs increases crime opportunities but is small risk relative to the overall growth and therefore</p>

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution	Local housing need plus 2,000 home contribution	Local housing need plus 3,000 home contribution	Local housing need plus 4,500 home contribution	Local housing need plus 10,000 home contribution	Local housing need plus 19,000 home contribution	Appraisal Comments
								insignificantly negative. It may therefore be considered that LDC is importing crime opportunities but at this scale of growth it is considered that the above mitigation could be absorbed.
Improve access to health facilities and promote wellbeing	++	+	+	+	+	++	++	Strategic Objective 11 seeks to promote and ensure healthy choices and healthier living. New development has the potential to offer the opportunity to 'design-in' new indoor and outdoor leisure facilities and bring forward new or expanded health facilities therefore all of the residential growth options will have a positive

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution	Local housing need plus 2,000 home contribution	Local housing need plus 3,000 home contribution	Local housing need plus 4,500 home contribution	Local housing need plus 10,000 home contribution	Local housing need plus 19,000 home contribution	Appraisal Comments
								<p>effect on this sustainability objective.</p> <p>Meeting local residential need offers the opportunity for a significant positive effect.</p> <p>Meeting neighbour needs would mean relatively lower level of investment/resources for health and leisure related facilities for that need and thus will only have a minor positive effect on this sustainability objective.</p> <p>A new settlement may have a significant positive effect as new self-contained health</p>

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution	Local housing need plus 2,000 home contribution	Local housing need plus 3,000 home contribution	Local housing need plus 4,500 home contribution	Local housing need plus 10,000 home contribution	Local housing need plus 19,000 home contribution	Appraisal Comments
								<p>facilities would be required.</p> <p>The IDP will mitigate on this objective.</p>
<p>Maximise the use of previously developed land/ buildings and encourage the efficient use of land</p>	++	+	+	+	-	--	--	<p>Meeting local housing need only growth seeks to focus development within or adjacent to the settlement boundaries of the Towns and Key Villages. This will include previously developed land but maybe also open land outside the settlement boundaries; however, this approach will ensure that land is used efficiently and thus represents a significant positive effect on this sustainability option</p>

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution	Local housing need plus 2,000 home contribution	Local housing need plus 3,000 home contribution	Local housing need plus 4,500 home contribution	Local housing need plus 10,000 home contribution	Local housing need plus 19,000 home contribution	Appraisal Comments
								<p>relative to making contributions, which will increase pressure on the previously developed land resource and the likelihood of passing the threshold where greenfield land would be required. Meeting neighbour needs may have a positive effect on this sustainability objective depending upon development locations and whether the growth can be accommodated on previously developed land . There may be opportunities for cross boundary locations on neighbouring</p>

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution .	Local housing need plus 2,000 home contribution .	Local housing need plus 3,000 home contribution .	Local housing need plus 4,500 home contribution .	Local housing need plus 10,000 home contribution .	Local housing need plus 19,000 home contribution .	Appraisal Comments
								<p>previously developed land .</p> <p>The 4,500 home contribution growth option will require sustainable, but probably greenfield, extensions through pressure to focus new development outside of existing settlement boundaries on open land. This option, therefore, represents a negative effect on this sustainability objective.</p> <p>The largest growth options requiring a new settlement will almost inevitably involve use of greenfield land unless a substantial previously developed</p>

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution	Local housing need plus 2,000 home contribution	Local housing need plus 3,000 home contribution	Local housing need plus 4,500 home contribution	Local housing need plus 10,000 home contribution	Local housing need plus 19,000 home contribution	Appraisal Comments
								land site is available.
To improve educational attainment of the working age population	+	+	+	+	+	++	++	<p>All growth options have the potential to indirectly improve education attainment providing new education investment/facilities are brought forward if brought forward within a mix of uses in conjunction with the residential development.</p> <p>The larger growth options offer the probability of new educational facilities to service a new settlement.</p>
To achieve stable and sustainable levels of	+	+	+	+	+	+	+	All growth options have the potential to indirectly improve economic growth in

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution	Local housing need plus 2,000 home contribution	Local housing need plus 3,000 home contribution	Local housing need plus 4,500 home contribution	Local housing need plus 10,000 home contribution	Local housing need plus 19,000 home contribution	Appraisal Comments
economic growth and maintain economic competitiveness								<p>the District by providing employment in the housing building sector and within a mix of uses being brought forward in conjunction with the residential development.</p> <p>The promotion of economic prosperity is a strategic objective of the Local Plan Review (Strategic Objective 8). The development of all the Growth Options will contribute to this sustainability objective and represents a minor positive effect.</p> <p>A new settlement may offer the opportunity to be a</p>

Sustainability Objective	Local housing need only.	Local housing need plus 1,000 home contribution	Local housing need plus 2,000 home contribution	Local housing need plus 3,000 home contribution	Local housing need plus 4,500 home contribution	Local housing need plus 10,000 home contribution	Local housing need plus 19,000 home contribution	Appraisal Comments
								self-contained economic unit so long as it doesn't become a dormitory for larger economic areas.

To manage water availability and reduce water and air pollution	N	N	N	N	N	N	N	<p>Specific measures relating to the management of water availability and the minimisation of water or air pollution levels have been considered in the Lichfield District Local Plan Review: Core Policy 3.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will not result in water or air</p>
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								<p>pollution. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>
<p>To minimise waste and increase the recycling and reuse of waste materials</p>	+	+	+	+	+	+	+	<p>Specific measures relating to the minimisation of waste and recycling have been considered in the Lichfield District Local Plan Review: Core Policy 3. This is an important consideration as waste arisings will inevitably increase due to the increase in the District's households and economic activity,</p>

								<p>which it is hoped CP3 will mitigate.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will provide facilities to allow the recycling of materials. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the growth options represent a positive effect on this sustainability objective.</p>
<p>To reduce and manage flood risk and surface water run off</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change.</p>

The spatial options of the Lichfield District Local Plan Review: Preferred Options document do not have geographic boundaries and therefore impacts on flood risk areas cannot be fully assessed at this stage. The future stages of the Sustainability Appraisal of the Local Plan Review will assess flood risk in detail. Development under all options will inevitably increase impermeable surfaces resulting in increased water runoff and potential pollution of water courses.

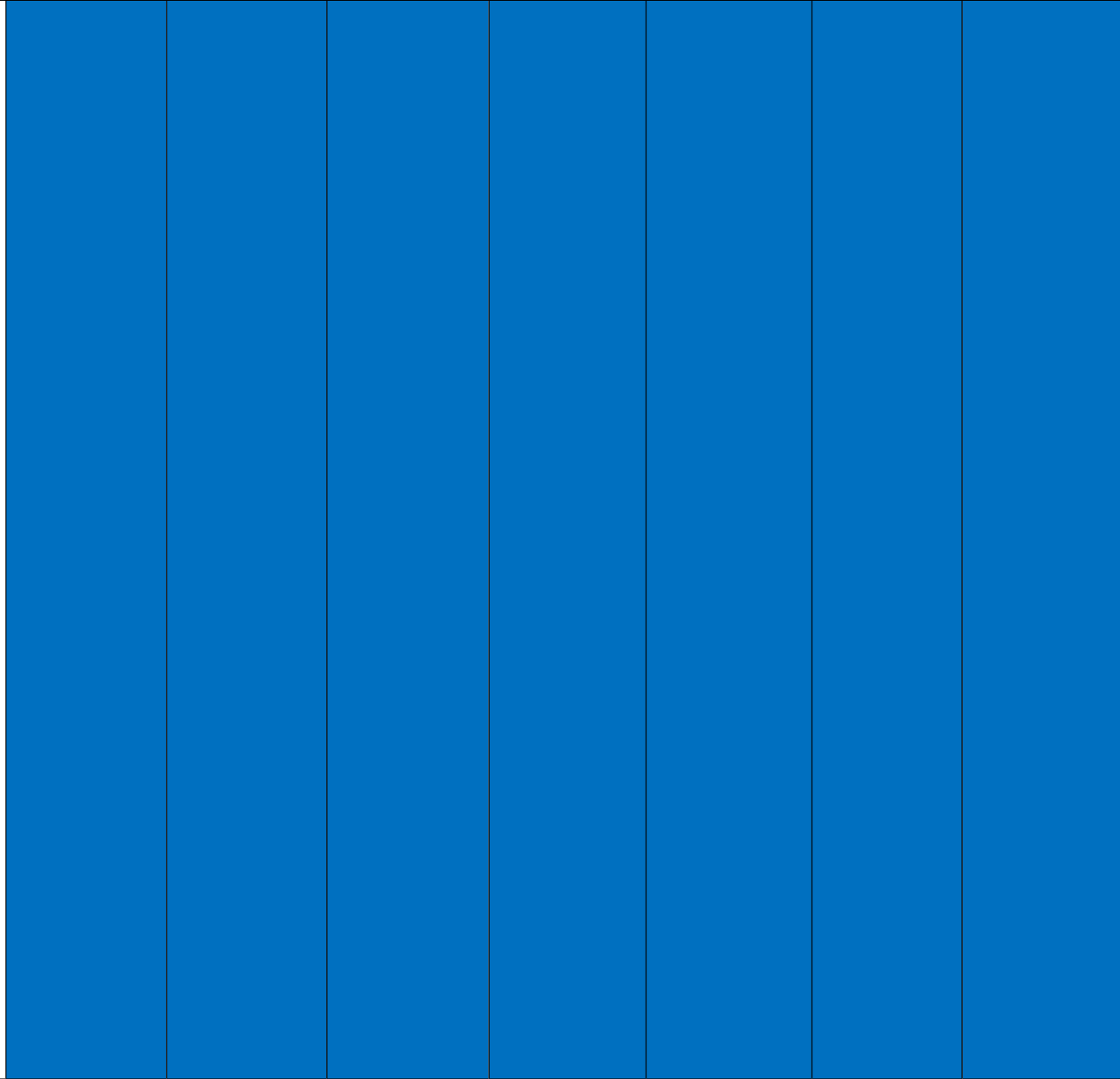
Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development is accompanied by initiatives to reduce

								<p>run off. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>
<p>To reduce and manage the impacts of climate change and the Districts contribution to the causes of.</p>	N	N	N	N	N	N	N	<p>Strategic Objective 3 seeks to minimise the effect of new development, required to meet the needs of the District, on the environment and help the District mitigate and adapt to the adverse effects of climate change.</p> <p>Mitigating the effects of climate change is a 'cross discipline' issue and existing policies in the</p>

								<p>Lichfield Local Plan Strategy, especially Core Policy 3, seek to address this sustainability objective in the context of promoting sustainable development. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>
<p>To promote biodiversity protection enhancement and management of species and habitats</p>	N	N	N	N	N	N	N	<p>All growth options have the potential to impact negatively on the District's biodiversity assets in both the urban and countryside areas but also offer the opportunity for significant ecological enhancement and habitat creation. Ultimately impacts on</p>

								<p>the biodiversity will depend on quantum of new land take together with the location and design of the proposed growth areas.</p> <p>Existing Policy NR3 in the Lichfield Local Plan Strategy seeks to ensure that new development does not result in an adverse effect on biodiversity, protected species or their habitats. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the growth options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>
To ensure the protection and	N	N	N	N	N	N	N	All growth options have the potential to

enhancement of the historic environment and its setting



result in negative impacts on the historic environment, including archaeological remains, and their settings.

The spatial options Lichfield District Local Plan Review: Preferred Options document do not have specific geographic boundaries and therefore impacts on the historic environment cannot be assessed at this stage.

Existing Core Policy 14 in the Lichfield Local Plan Strategy seeks to ensure that new development does not result in an adverse impact on the built or historic environment. This policy will be taken forward into the Local Plan Review

								<p>and thus the implementation of the policy will apply to all the growth options. Based on the above, all the growth options represent a neutral effect on this sustainability objective.</p>
<p>Protect, enhance and manage the character and quality of the landscape and townscape</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>-</p>	<p>-</p>	<p>All growth options have the potential to impact negatively on the District's landscape and townscape. Ultimately impacts on the landscape and townscape will depend on quantum of new land take together with the location and design of the proposed growth areas. The spatial options Lichfield District Local Plan Review: Preferred Options document does not have specific</p>

								<p>geographic boundaries and therefore impacts on the landscape and townscape cannot be fully assessed at this stage.</p> <p>Strategic Objective 12 seeks to protect and enhance the quality and character of the District's landscape character including the openness of the Green Belt. Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development does not result in an adverse effect on the landscape and townscape of the District. These policies will be taken forward into the Local Plan Review and thus the implementation of the policies will apply to all the growth options. Based on</p>
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								<p>the above, the up to 4,500 homes growth options represent a neutral effect on this sustainability objective.</p> <p>The largest growth options will introduce alien development into the landscape but other design policy should ensure a high quality townscape.</p>
<p>To increase opportunities for non-car travel and reduce the need for travel</p>	<p>+</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>The local housing need only Growth option offers an opportunity to increase non-car travel and reducing the need for travel due to the focussing of new development in existing settlements where public transport, including opportunities for enhanced services, is available. Based on this, it has a minor positive effect on this</p>

sustainability objective.

Meeting neighbour needs is assessed as neutral as it would depend on how the compulsion to live in Lichfield District rather than in the need hosts areas will lead to sustainability negative travel needs to work and services. It is for the host lpas to help assess these effects.

Above local housing need growth would lead to increased travel pressures on infrastructure which become less mitigatable as growth spreads.

A new settlement for the larger growth options offers potential for new travel infrastructure at major scale, as long as it is self-contained for

								<p>facilities to dissuade outcommuting.</p> <p>It is accepted that existing policies in the Lichfield Local Plan Strategy seek to promote sustainable transport which, if implemented, will improve the assessment for growth options by the provision/investment in new or enhanced public transport in conjunction with the proposed residential development. Specific measures have been considered in the Lichfield District Local Plan Review: Preferred Options document under Core Policy 5.</p>
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Summary

The no development option for SEA has been considered under the our spatial strategy option for residential growth, therefore only development options are now considered.

The local housing need only option is the most sustainable, with no negative effects and significant benefits to the 'housing to meet local need including provision of affordable homes', 'improve access to health facilities and promote wellbeing', and 'maximising the use of previously developed land/ buildings and encouraging the efficient use of land' objectives.

The up to 4,500 home contributions options are in the mid-range of sustainability.

The larger home contributions options are the least sustainable with significant negative effects on the community safety and crime, and the 'maximising the use of previously developed land/ buildings and encouraging the efficient use of land' objectives; although this is balanced by the significant positive effects on the 'improve access to health facilities and promote wellbeing' and 'improve educational attainment of the working age population' objectives.

Our housing mix reasonable alternatives

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current)	Affordable housing- 10% (NPPF).	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	--	N	++	+	+	?	<p>Providing everyone with an opportunity to live in a decent and affordable home is a key objective of the Lichfield Local Plan Review (Strategic Objective 6). There is a shortage of affordable housing in the district.</p> <p>Providing no housing would obviously not meet local need or affordable need.</p> <p>Market housing only would meet local need but not affordable need, therefore neutral overall on this objective.</p> <p>Mixed housing meets all needs.</p> <p>Self build and custom housing meet some needs but insignificant relative to all housing provision.</p> <p>40% affordable housing maximizes local possibilities on sites but reduces viability of those sites.</p> <p>10% affordable housing meets less need and the NPPF criteria do not guarantee delivery so uncertain sustainability.</p>
To promote safe communities and reduce fear of crime	N	N	N	-	N	N	<p>Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Crime and anti-social behaviour could further increase due to the anticipated levels of growth in all these growth options. Strategic Objective 11 seeks to ensure a high standard of community safety and thus the preferred option will need to include reference to specific measures, including designing out crime and investment in local policing, to</p>

Our housing mix reasonable alternatives							Appraisal Comments
Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current)	Affordable housing- 10% (NPPF).	
							<p>minimise crime and fear of crime. The delivery of community safety standards should be the same for all housing mixes.</p> <p>No housing will have a neutral (status quo) effect on this sustainability objective.</p> <p>There should be no variation between market and mixed housing for this objective.</p> <p>Self build and custom housing is mostly at the discretion of the developer and therefore LDC has less input on community safety mitigation leading to a negative effect on this objective.</p> <p>There should be no variation on this objective with affordable housing, giving a neutral effect.</p>
Improve access to health facilities and	--	++	+	-	N	+	<p>Strategic Objective 11 seeks to promote and ensure healthy choices and healthier living. New development has the potential to offer the opportunity to 'design-in' new indoor and outdoor leisure facilities and bring forward new or expanded health facilities.</p>

Our housing mix reasonable alternatives							
Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current)	Affordable housing- 10% (NPPF).	Appraisal Comments
promote wellbeing							<p>No housing provision would not improve health at best and at worst see degeneration without renewal.</p> <p>Market housing may generate the funding for health.</p> <p>Mixed housing reduces the viability for health provision but provides some stimulus.</p> <p>Self build and custom housing will provide no input or stimulus to significant health resourcing.</p> <p>40% affordable housing absorbs funding from the pot for all obligations including health, although its provision adds to the stimulus for health facilities, therefore a neutral effect. 10% affordable housing would leave, potentially, a relatively larger pot for health facilities. All affordable housing is a major contributor to wellbeing.</p> <p>The IDP will mitigate on this objective.</p>
Maximise the use of previously	--	+	++	?	-	N	<p>No housing would fail to contribute to this objective.</p> <p>The contribution of market housing may depend upon viability and attractiveness to that market, and not all</p>

Our housing mix reasonable alternatives							
Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current)	Affordable housing- 10% (NPPF).	Appraisal Comments
developed land/ buildings and encourage the efficient use of land							<p>developers favour or take up options on previously developed land .</p> <p>Mixed housing offers more options which may take advantage of previously developed land and its usual better proximity to services, benefitting some community groups.</p> <p>Self build and custom contribution will be relatively small and will depend upon land availability and desirability, therefore an uncertain effect.</p> <p>Maximum affordable housing obligation may impact upon the viability of previously developed land development.</p> <p>The NPPF requirement would allow flexibility on viability and therefore be neutral on the effect of land type.</p>
To improve educational attainment of the working age population	-	+	+	+	++	+	<p>No housing would fail to deliver on this objective.</p> <p>All housing options have the potential to indirectly improve education attainment providing new education investment/facilities are brought forward if brought forward within a mix of uses in conjunction with the residential development.</p>

Our housing mix reasonable alternatives							
Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current)	Affordable housing- 10% (NPPF).	Appraisal Comments
							Affordable housing at the maximum level in particular would provide the opportunity for disadvantaged people to access Lichfield's education provision.
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	N	+	+	+	+	+	<p>All housing options have the potential to indirectly improve economic growth in the District by providing employment in the housebuilding sector and within a mix of uses being brought forward in conjunction with the residential development.</p> <p>The promotion of economic prosperity is a strategic objective of the Local Plan Review (Strategic Objective 8). The development of all the Housing Options will contribute to this sustainability objective and represents a minor positive effect.</p>

To manage water availability and reduce water and air pollution	-	N	N	N	N	N	<p>Specific measures relating to the management of water availability and the minimisation of water or air pollution levels have been considered in the Lichfield District Local Plan Review: Core Policy 3.</p> <p>No housing would negate the opportunity to reduce water and air pollution.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will not result in water or air pollution. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the housing options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>
To minimise waste and increase the recycling and reuse of waste materials	N	+	+	+	+	+	<p>Specific measures relating to the minimisation of waste and recycling have been considered in the Lichfield District Local Plan Review: Core Policy 3. This is an important consideration as waste arisings will inevitably increase due to the increase in the District's households and economic activity under the housing mix options, which it is hoped CP3 will mitigate.</p> <p>No housing would miss the opportunity to increase the recycling and reuse of waste materials.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will provide facilities to allow the recycling of materials. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the options. Based on the above, all the housing mix options represent a positive effect on this sustainability objective.</p>

<p>To reduce and manage flood risk and surface water run off</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change.</p> <p>The spatial options of the Lichfield District Local Plan Review: Preferred Options document do not have geographic boundaries and therefore impacts on flood risk areas cannot be fully assessed at this stage. The future stages of the Sustainability Appraisal of the Local Plan Review will assess flood risk in detail. Development under all options will inevitably increase impermeable surfaces resulting in increased water run-off and potential pollution of water courses.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development is accompanied by initiatives to reduce run off. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the housing mix options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>
<p>To reduce and manage the impacts of climate change and the Districts contribution to the causes of.</p>	<p>-</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>Strategic Objective 3 seeks to minimise the effect of new development, required to meet the needs of the District, on the environment and help the District mitigate and adapt to the adverse effects of climate change.</p> <p>No housing would miss the opportunity for regeneration and to reduce the impacts of climate change and the Districts contribution to the causes of.</p> <p>Mitigating the effects of climate change is a 'cross discipline' issue and existing policies in the Lichfield Local Plan Strategy, especially Core Policy 3, seek to address this sustainability objective in the context of promoting sustainable development. These policies will be taken forward into the</p>

							Local Plan Review and thus the implementation of the existing policies will apply to all the housing mix options. Based on the above, all the housing options represent a neutral effect on this sustainability objective.
To promote biodiversity protection enhancement and management of species and habitats	N	N	N	N	N	N	<p>No housing would maintain the status quo.</p> <p>All development options have the potential to impact negatively on the District's biodiversity assets in both the urban and countryside areas but also offer the opportunity for significant ecological enhancement and habitat creation. Ultimately impacts on the biodiversity will depend on quantum of new land take together with the location and design of the proposed growth areas.</p> <p>Existing Policy NR3 in the Lichfield Local Plan Strategy seeks to ensure that new development does not result in an adverse effect on biodiversity, protected species or their habitats. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the growth options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>
To ensure the protection and enhancement of the historic environment and its setting	N	N	N	N	N	N	<p>No housing would maintain the status quo.</p> <p>All growth options have the potential to result in negative impacts on the historic environment, including archaeological remains, and their settings.</p> <p>The spatial options for Lichfield District Local Plan Review: Preferred Options document do not have specific geographic boundaries and therefore impacts on the historic environment cannot be assessed at this stage.</p>

							<p>Existing Core Policy 14 in the Lichfield Local Plan Strategy seeks to ensure that new development does not result in an adverse impact on the built or historic environment. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the housing mix options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>
<p>Protect, enhance and manage the character and quality of the landscape and townscape</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>No housing would maintain the environment for this objective.</p> <p>All housing options have the potential to impact negatively or positively on the District's landscape and townscape. Ultimately impacts on the landscape and townscape will depend on quantum of new land take together with the location and design of the proposed housing mix developments. The spatial options for the Lichfield District Local Plan Review: Preferred Options document do not have specific geographic boundaries and therefore impacts on the landscape and townscape cannot be fully assessed at this stage.</p> <p>Strategic Objective 12 seeks to protect and enhance the quality and character of the District's landscape character including the openness of the Green Belt. Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development does not result in an adverse effect on the landscape and townscape of the District. These policies will be taken forward into the Local Plan Review and thus the implementation of the policies will apply to all the options. Based on the above, the options represent a neutral effect on this sustainability objective.</p>

							There should be no variation in standards between the housing mix types, although self build and custom may become more distinctive.
To increase opportunities for non-car travel and reduce the need for travel	N	N	N	N	N	N	<p>It is accepted that existing policies in the Lichfield Local Plan Strategy seek to promote sustainable transport which, if implemented, will improve the assessment for housing mix options by the provision/investment in new or enhanced public transport in conjunction with the proposed residential development. Specific measures have been considered in the Lichfield District Local Plan Review: Preferred Options document under Core Policy 5.</p> <p>No housing would be neutral in maintaining the status quo.</p> <p>Opportunities for non-car travel may be more significant to occupiers of affordable housing.</p>

Proposed commentary

Having a housing mix has significant positive effects on the housing provision and efficient use of land objectives. Having open market housing could have a significant benefit of generating finance for other planning obligations such as health facilities.

Other parts of the housing mix are generally positive but the only potential significant benefit is to high affordable housing through providing access to educational attainment.

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	--	N	++	+	+	?	Providing everyone with an opportunity to live in a decent and affordable home is a key objective of the Lichfield Local Plan Review (Strategic Objective 6) . There is a shortage of affordable housing in the district. Providing no housing	-	+	++	+	No density policy may reduce the amount of housing due to a lack of enforceability on efficient use of land, especially affordable homes of smaller units. The existing policy has a positive effect on providing more homes but is open worded and less certain in delivery than

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							<p>would obviously not meet local need or affordable need.</p> <p>Market housing only would meet local need but not affordable need, therefore neutral overall on this objective.</p> <p>Mixed housing meets all needs.</p>					<p>defined standards.</p> <p>A defined limit which is spatially flexible maximises efficient use of land and amount of housing including affordable homes.</p> <p>A broad density range across the District would be still positive on this objective but likely to reduce delivery by</p>

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							Self build and custom housing meet some needs but insignificant relative to all housing provision. 40% affordable housing maximizes local possibilities on sites but reduces viability of those sites. 10% affordable housing meets less					following the lowest common density in the District.

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							need and the NPPF criteria do not guarantee delivery so uncertain sustainability.					
To promote safe communities and reduce fear of crime	N	N	N	-	N	N	Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Crime and anti-social	N	N	N	N	It is considered that there is no correlation between housing density and community safety, although there may be incidental variations

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							behaviour could further increase due to the anticipated levels of growth in all these growth options. Strategic Objective 11 seeks to ensure a high standard of community safety and thus the preferred option will need to include reference to specific					between the city and town centres the NPPF requires higher densities in and other parts of the plan area. Self build and custom housing is considered to be a negative due to the uncertainty of design, including therefore designing out crime.

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							<p>measures, including designing out crime and investment in local policing, to minimise crime and fear of crime. The delivery of community safety standards should be the same for all housing mixes.</p> <p>No housing will have a neutral (status quo)</p>					

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							<p>effect on this sustainability objective.</p> <p>There should be no variation between market and mixed housing for this objective.</p> <p>Self build and custom housing is mostly at the discretion of the developer and therefore LDC has less input on</p>					

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							community safety mitigation leading to a negative effect on this objective. There should be no variation on this objective with affordable housing, giving a neutral effect.					
Improve access to health facilities and	--	++	+	-	N	+	Strategic Objective 11 seeks to	N	+	+	N	There is considered to be no link

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
promote wellbeing							<p>promote and ensure healthy choices and healthier living. New development has the potential to offer the opportunity to 'design-in' new indoor and outdoor leisure facilities and bring forward new or expanded health facilities.</p> <p>No housing provision would not</p>					<p>between uniform or nil density requirements and health.</p> <p>The implementation of higher density standards is considered to improve accessibility to health facilities as they are likely to be located in city and town centres or other locations that are well served by</p>

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							<p>improve health at best and at worst see degeneration without renewal.</p> <p>Market housing may generate the funding for health.</p> <p>Mixed housing reduces the viability for health provision but provides some stimulus.</p> <p>Self build and custom</p>					public transport.

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							housing will provide no input or stimulus to significant health resourcing. 40% affordable housing absorbs funding from the pot for all obligations including health, although its provision adds to the stimulus for health facilities, therefore a					

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							<p>neutral effect. 10% affordable housing would leave, potentially, a relatively larger pot for health facilities. All affordable housing is a major contributor to wellbeing.</p> <p>The IDP will mitigate on this objective.</p>					
Maximise the use of previously	--	+	++	?	-	N	No housing would fail to contribute to	-	+	++	N	No density policy is likely to lead to an

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
developed land/ buildings and encourage the efficient use of land							<p align="center">this objective.</p> <p>The contribution of market housing may depend upon viability and being attractive to that market, and not all developers favour or take up options on previously developed land .</p> <p>Mixed housing offers more options</p>					<p>inefficient use of land with no compulsion to use previously developed land which is more likely to be suitable for high density.</p> <p>The current policy directs development to sustainable centres which, by definition, are more likely to recycle land.</p> <p>A differentiated policy is highly likely to guide development to locations</p>

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							<p>which may take advantage of previously developed land and its usual better proximity to services, benefitting some community groups.</p> <p>Self build and custom contribution will be relatively small and will depend upon land availability and desirability,</p>					<p>with previously developed land given the specified requirement which favours built up locations which are more likely to have previously developed land and dissuade low density suburban development.</p> <p>A district-wide density policy would be neutral as use of previously developed land would be irrespective of</p>

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							<p>therefore an uncertain effect.</p> <p>Maximum affordable housing obligation may impact upon the viability of previously developed land development.</p> <p>The NPPF requirement would allow flexibility on viability and therefore be neutral on</p>					location for policy purpose.

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							the effect of land type.					
To improve educational attainment of the working age population	-	+	+	+	++	+	No housing would fail to deliver on this objective. All housing options have the potential to indirectly improve education attainment providing new education investment/f acilities are	N	+	+	N	No and universal policy options would be neutral as they would have no population implications. Targeted options may have positive effects as higher density developments of smaller size would be located in

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							<p>brought forward if brought forward within a mix of uses in conjunction with the residential development.</p> <p>Affordable housing at the maximum level in particular would provide the opportunity for disadvantaged people to access</p>					<p>town and city centres giving ready access to educational facilities and/or public transport to facilities.</p>

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							Lichfield's education provision.					
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	N	+	+	+	+	+	All housing options have the potential to indirectly improve economic growth in the District by providing employment in the housebuilding sector and within a mix of uses being	N	+	+	+	No density policy would leave the market to determine growth pattern with potentially no local consideration. Density options would give local control of development

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							<p>brought forward in conjunction with the residential development.</p> <p>The promotion of economic prosperity is a strategic objective of the Local Plan Review (Strategic Objective 8). The development of all the Housing Options will contribute to this</p>					<p>patterns to benefit local circumstances, especially the town and city centres.</p>

Our housing mix reasonable alternatives incorporating density of housing development

Sustainability Objective	No housing.	Market housing only.	Mixed housing.	Self build and custom.	Affordable housing- 40% (current).	Affordable housing- 10% (NPPF).	Appraisal Comments	No density policy	Higher around sustainable centres (current)	Thirty-five dwellings/ hectare and variable standards	Broad density range	Appraisal Comments
							sustainability objective and represents a minor positive effect.					

To manage water availability and reduce water and air pollution	-	N	N	N	N	N	Specific measures relating to the management of water availability and the minimisation of water or air pollution	N	N	N	N	Density should have no effect on this objective, although mitigation may need to be considered where higher density buildings in
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levels have been considered in the Lichfield District Local Plan Review: Core Policy 3.

No housing would negate the opportunity to reduce water and air pollution.

Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will not result in water or air pollution.

These policies will be taken forward into the Local Plan Review

town and city centres lead to a potential negative 'canyon' effect on air quality.

							<p>and thus the implementation of the existing policies will apply to all the housing options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>					
<p>To minimise waste and increase the recycling and reuse of waste materials</p>	<p>N</p>	<p>+</p>	<p>+</p>	<p>+</p>	<p>+</p>	<p>+</p>	<p>Specific measures relating to the minimisation of waste and recycling have been considered in the Lichfield District Local Plan Review: Core Policy 3. This is an important consideration as waste</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>Density should have no effect on this objective.</p>

arisings will inevitably increase due to the increase in the District's households and economic activity under the housing mix options, which it is hoped CP3 will mitigate.

No housing would miss the opportunity to increase the recycling and reuse of waste materials.

Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will provide

							<p>facilities to allow the recycling of materials. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the options. Based on the above, all the housing mix options represent a positive effect on this sustainability objective.</p>					
To reduce and manage flood risk and surface water run off	N	N	N	N	N	N	Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change.	?	?	?	?	The impact of density control or lack of it on flooding is locationally dependent and therefore

The spatial options of the Lichfield District Local Plan Review: Preferred Options document do not have geographic boundaries and therefore impacts on flood risk areas cannot be fully assessed at this stage. The future stages of the Sustainability Appraisal of the Local Plan Review will assess flood risk in detail. Development under all options will inevitably increase impermeable surfaces

indeterminate at this stage.
Higher density development reduces the development surface area for surface water run off.

							<p>mix options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>					
<p>To reduce and manage the impacts of climate change and the Districts contribution to the causes of.</p>	-	N	N	N	N	N	<p>Strategic Objective 3 seeks to minimise the effect of new development , required to meet the needs of the District, on the environment and help the District mitigate and adapt to the adverse effects of climate change.</p> <p>No housing would miss the opportunity for regeneration</p>	N	N	N	N	<p>Density should have no effect on this objective at the District scale as the distribution of development will only re-distribute the effects.</p>

and to reduce the impacts of climate change and the Districts contribution to the causes of.

Mitigating the effects of climate change is a 'cross discipline' issue and existing policies in the Lichfield Local Plan Strategy, especially Core Policy 3, seek to address this sustainability objective in the context of promoting sustainable development . These policies will be taken forward into the Local

							<p>Plan Review and thus the implementation of the existing policies will apply to all the housing mix options. Based on the above, all the housing options represent a neutral effect on this sustainability objective.</p>					
<p>To promote biodiversity protection and management of species and habitats</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>No housing would maintain the status quo.</p> <p>All development options have the potential to impact negatively on the District's biodiversity assets in both the urban and countryside</p>	<p>-</p>	<p>+</p>	<p>+</p>	<p>-</p>	<p>No and broad density options would have negative effects by potentially dispersing development and thus land take.</p> <p>Controlling density would conversely concentrate development and reduce risk of</p>

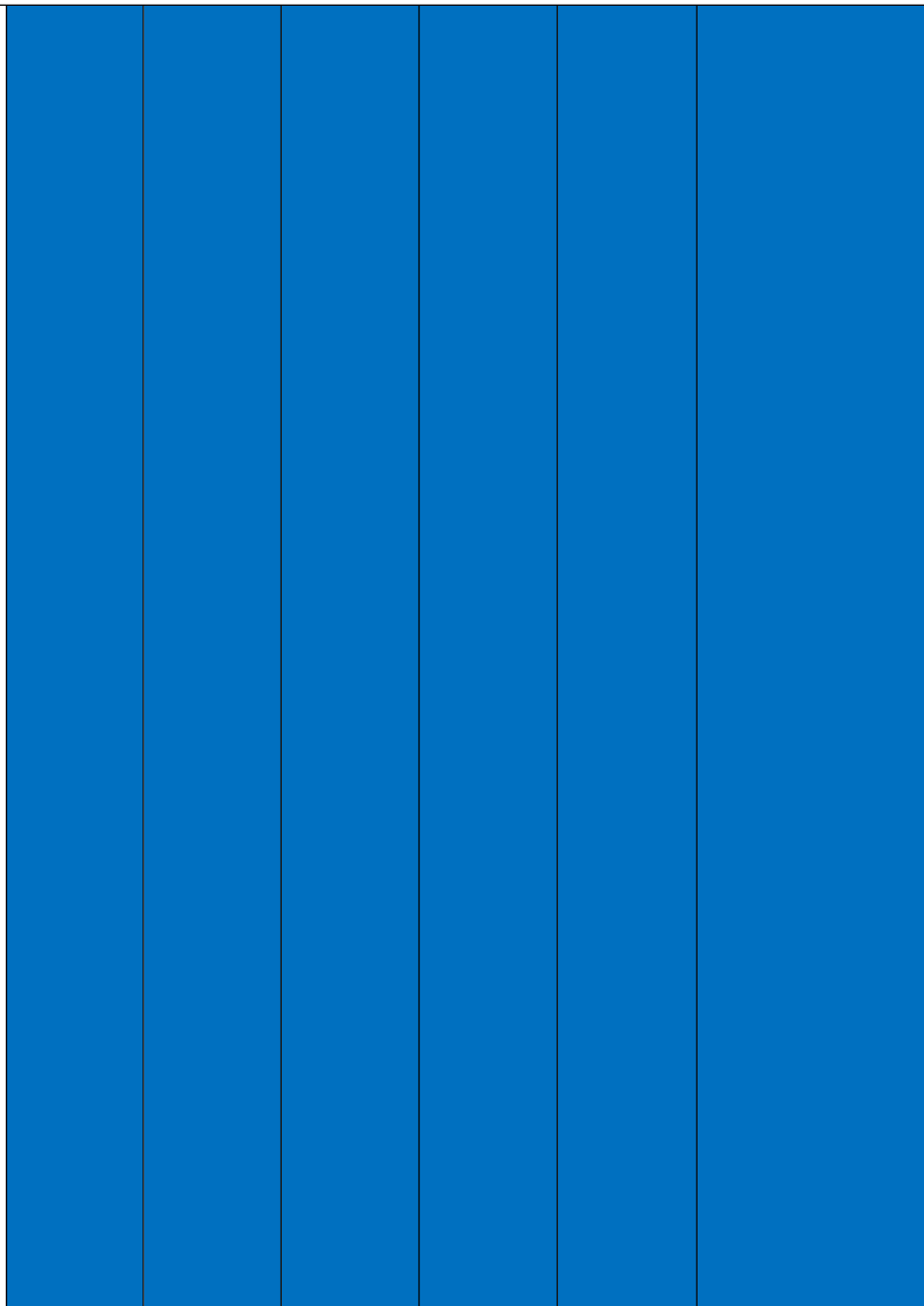
areas but also offer the opportunity for significant ecological enhancement and habitat creation. Ultimately impacts on the biodiversity will depend on quantum of new land take together with the location and design of the proposed growth areas.

Existing Policy NR3 in the Lichfield Local Plan Strategy seeks to ensure that new development

negative impacts on biodiversity rich areas.

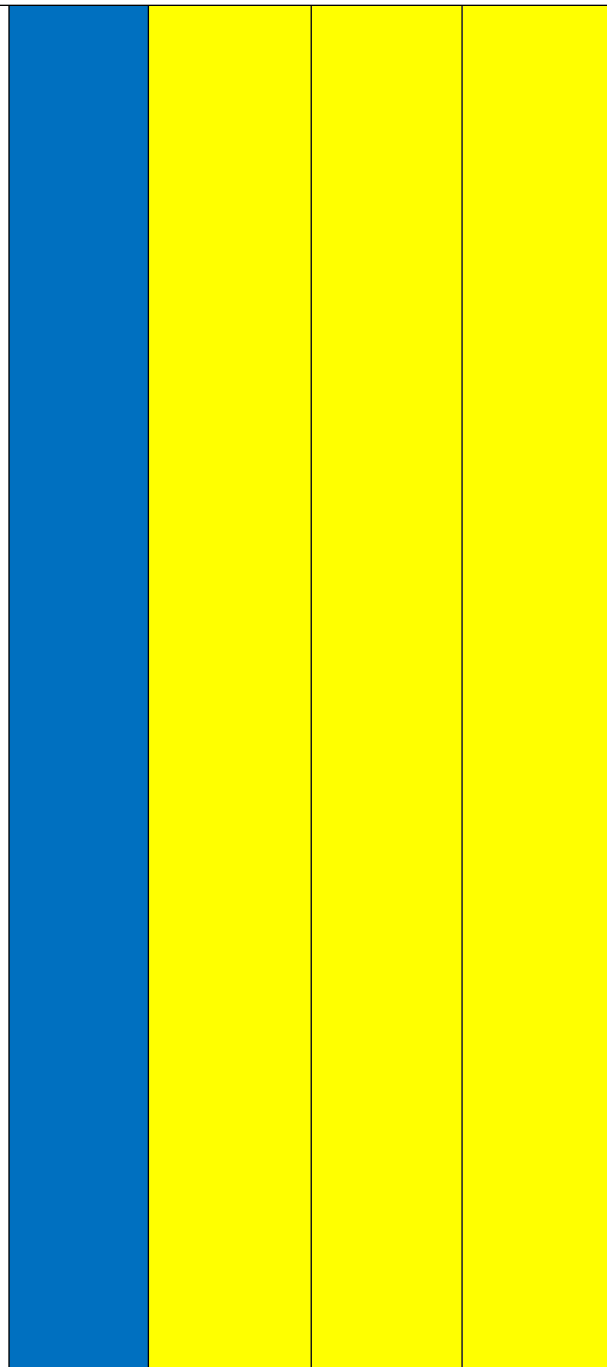
							<p>does not result in an adverse effect on biodiversity, protected species or their habitats. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the growth options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>					
To ensure the protection and enhancement of the historic	N	N	N	N	N	N	No housing would maintain the status quo.	N	?	?	?	No density policy would maintain the status quo so long as

environment and its setting



All growth options have the potential to result in negative impacts on the historic environment, including archaeological remains, and their settings.

The spatial options for Lichfield District Local Plan Review: Preferred Options document do not have specific geographic boundaries and therefore impacts on the historic environment cannot be assessed at this stage.



Historic England's design guidance is followed for individual applications.

Density control options effects depend upon location so are indeterminate but density can have a negative effect on heritage assets, and conservation areas in particular are more likely to occur in town and city centres where higher density is promoted.

Existing Core Policy 14 in the Lichfield Local Plan Strategy seeks to ensure that new development does not result in an adverse impact on the built or historic environment. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the housing mix options. Based on the above, all the options represent a neutral effect on this

							sustainability objective.					
Protect, enhance and manage the character and quality of the landscape and townscape	N	N	N	N	N	N	<p>No housing would maintain the environment for this objective.</p> <p>All housing options have the potential to impact negatively or positively on the District's landscape and townscape. Ultimately impacts on the landscape and townscape will depend on quantum of new land take together with the location and design of the proposed housing mix development</p>	-	+	++	+	<p>No density policy would give a lack of control of effects on this objective.</p> <p>The current policy supports this objective but is not detailed enough to judge effects.</p> <p>A detailed policy would have a significant positive effect on this objective due to the control over design which supports meeting this objective.</p> <p>A broad density range gives support but relatively lacks a reflection on</p>

s. The spatial options for the Lichfield District Local Plan Review: Preferred Options document do not have specific geographic boundaries and therefore impacts on the landscape and townscape cannot be fully assessed at this stage.

Strategic Objective 12 seeks to protect and enhance the quality and character of the District's landscape character

the locational aspect of landscape and townscape.

including the openness of the Green Belt.
Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development does not result in an adverse effect on the landscape and townscape of the District.
These policies will be taken forward into the Local Plan Review and thus the implementation of the policies will apply to all the options.
Based on the above, the

							<p>options represent a neutral effect on this sustainability objective.</p> <p>There should be no variation in standards between the housing mix types, although self build and custom may become more distinctive.</p>					
<p>To increase opportunities for non-car travel and reduce the need for travel</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>It is accepted that existing policies in the Lichfield Local Plan Strategy seek to promote sustainable transport which, if implemented, will improve the assessment</p>	<p>-</p>	<p>+</p>	<p>++</p>	<p>+</p>	<p>No density policy would have a negative effect due to not acting positively on this objective.</p> <p>The current policy has a positive effect but is limited due to a lack of specificity and certainty.</p>

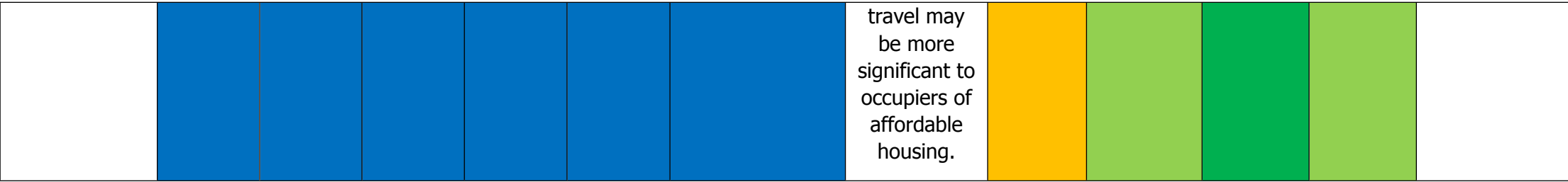
for housing mix options by the provision/investment in new or enhanced public transport in conjunction with the proposed residential development . Specific measures have been considered in the Lichfield District Local Plan Review: Preferred Options document under Core Policy 5.

No housing would be neutral in maintaining the status quo.

Opportunities for non-car

A specific density policy would have a significant positive effect by concentrating development in town and city centres with specific reference to good accessibility to public transport in accordance with the NPPF and this objective.

A broad density range would have a positive effect but does not steer development to the locations of highest accessibility.



Summary

The proposed thirty five dwellings per hectare or the specific density standard option has mostly positive effects on most objectives, significant with respect to the housing provision, use of previously developed land, landscape and townscape, and travel objectives. The current higher density around sustainable centres policy is also mostly positive but less so because of a lack of certainty without specific standards; and, to an even lesser extent, the broad density range option. The no density policy option is mostly negative or neutral with no positives. Therefore, a density policy is recommended.

Preferred Policy Direction – Provisin for Gypsies and Travellers

Sustainability Objective	No Traveller policy	Criteria based	Site allocations	Over GTANA provision	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	--	+	++	+	<p>Providing everyone with an opportunity to live in a decent and affordable home is a key objective of the Lichfield Local Plan Objective 6). There is a shortage of local sites in the District. No policy would fail this objective.</p> <p>A criteria-based policy would deliver but subject to applications developers.</p> <p>Site allocations would give greater certainty to developers about suitability.</p> <p>Over provision to meet localize needs and mitigate localised encampments would partially exceed this objective, being beyond local need.</p>
To promote safe communities and reduce fear of crime	N	N	N	N	<p>Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Strategic Objective 11 seeks to ensure a high standard of mutual community safety for localized and the settled community. On this basis, the proposed option will have a neutral effect on this sustainability objective.</p>

<p>Improve access to health facilities and promote wellbeing</p>	<p>--</p>	<p>?</p>	<p>++</p>	<p>?</p>	<p>Strategic Objective 11 seeks to promote and ensure healthy choices and healthier living. New localized sites have the potential to offer the opportunity to give localized access to health facilities.</p> <p>No policy would fail to deliver this policy for localized.</p> <p>A criteria-based policy would leave delivery of this policy indeterminate, dependent upon developer applications but guidance towards key settlements should place sites closer to existing facilities.</p> <p>Site allocations would give greater certainty over linking to this objective.</p>
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<p>Maximise the use of previously developed land/buildings and encourage the efficient use of land</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>None of the options have a direct effect upon this objective unless it is made a criteria of policy, in which case site allocations could be made to meet this objective.</p>
<p>To improve educational attainment of the working age population</p>	<p>-</p>	<p>+</p>	<p>+</p>	<p>+</p>	<p>The promotion of sustainable communities is a strategic objective of the Local Plan Review (Strategic Objective 1). The proposed policy by giving potential access to education for a disadvantaged community will contribute to this sustainability objective.</p> <p>No policy would fail to deliver this objective.</p> <p>The development options would help by giving localized potential access, the criteria by guiding developers to existing educational provision locations; the sites could be allocated in appropriate locations.</p>

Preferred policy direction: Provision for gypsies and travellers

Sustainability Objective	No Traveller policy	Criteria based	Site allocations	Over GTANA provision	Appraisal Comments
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	-	+	?	+	<p>The promotion of economic prosperity is a strategic objective of the Local Plan Review (Strategic Objective 8). The promotion of mixed use sites will contribute to this sustainability objective and represents a minor positive effect.</p> <p>No policy would fail to deliver this objective.</p> <p>The effect of site allocations would depend upon whether they would be mixed use.</p>
To manage water availability and reduce water and air pollution	N	N	N	N	This is not considered to be an appropriate criterion for the proposed policy and is therefore neutral.
To localise waste and increase the recycling and reuse of waste materials	N	+	+	+	This is an important consideration as waste arisings will inevitably increase due to the increase in the District's sites and economic activity. The local authority will need to provide a waste service to the sites.

Sustainability Objective	No Traveller policy	Criteria based	Site allocations	Over GTANA provision	Appraisal Comments
					<p>No policy would maintain the current situation.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will provide facilities to allow the recycling of materials. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to the option. Based on the above, the development options represent a positive effect on this sustainability objective.</p>
To reduce and manage flood risk and surface water run off	N	+	+	+	<p>No policy would maintain the current situation.</p> <p>The current policy includes a criterion of the site is located within Flood Zones 1 or 2 which represents an insignificant positive effect on this sustainability objective as localize accommodation needs are relatively lower than other homes; if this criteria is carried forward then the effect would still be positive and site allocations could be made accordingly.</p>

Sustainability Objective	No Traveller policy	Criteria based	Site allocations	Over GTANA provision	Appraisal Comments
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	N	N	N	N	<p>Strategic Objective 3 seeks to localize the effect of new development, required to meet the needs of the District, on the environment and help the District mitigate and adapt to the adverse effects of climate change. Mitigating the effects of climate change is a 'cross discipline' issue and existing policies in the Lichfield Local Plan Strategy seek to address this sustainability objective in the context of promoting sustainable development. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to these options.</p> <p>Based on the above, all the growth options represent a neutral effect on this sustainability objective.</p>

<p>To promote biodiversity protection enhancement and management of species and habitats</p>	<p>N</p>	<p>N</p>	<p>?</p>	<p>N</p>	<p>No policy would maintain the current situation.</p> <p>The development options have the potential to impact negatively on the District's biodiversity assets in both the urban and countryside areas, although development is guided towards urban areas, but also offer the opportunity for ecological enhancement and habitat creation.</p> <p>Ultimately impacts on the biodiversity will depend on quantum of new land take together with the location and design of the proposed sites, which will be better controlled by site allocations.</p> <p>Existing Policy NR3 in the Lichfield Local Plan Strategy seeks to ensure that new development does not result in an adverse effect on biodiversity, protected species or their habitats. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the sites. Based on the above, the development options represent a neutral effect on this sustainability objective but the site allocations would have a potentially better controlled link to the objective dependent upon land availability.</p>
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Sustainability Objective	No Traveller policy	Criteria based	Site allocations	Over GTANA provision	Appraisal Comments
To ensure the protection and enhancement of the historic environment and its setting	N	N	?	N	<p>No policy would maintain the status quo.</p> <p>All sites have the potential to result in negative impacts on the historic environment, including archaeological remains, and their settings. The specific sites are not identified and therefore impacts on the historic environment cannot be assessed at this stage. Existing Core Policy 14 in the Lichfield Local Plan Strategy seeks to ensure that new development does not result in an adverse effect on the built or historic environment. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply.</p> <p>Based on the above, the development options represent a neutral effect on this sustainability objective but the site allocations would have a potentially better controlled link to the objective dependent upon land availability.</p>

<p>Protect, enhance and manage the character and quality of the landscape and townscape</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>No policy would maintain the current situation.</p> <p>All sites have the potential to impact negatively on the District's landscape and townscape. Ultimately impacts on the landscape and townscape will depend on quantum of new land take together with the location and design of the proposed sites. The sites are not identified and therefore impacts on the landscape and townscape cannot be fully assessed at this stage.</p> <p>Strategic Objective 12 seeks to protect and enhance the quality and character of the District's landscape character including the openness of the Green Belt. Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development does not result in an adverse effect on the landscape and townscape of the District. These policies will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to the option. Based on the above, the option represents a neutral effect on this sustainability objective.</p>
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Sustainability Objective	No Traveller policy	Criteria based	Site allocations	Over GTANA provision	Appraisal Comments
To increase opportunities for non-Car travel and reduce the need for travel	-	+	+	+	<p>No policy would fail to deliver this objective.</p> <p>It is accepted that existing policies in the Lichfield Local Plan Strategy seek to promote sustainable transport which, if implemented, will</p> <p>by the provision/investment in new or enhanced public transport in conjunction with the proposed residential development.</p> <p>This policy is carried forward into the LPR, therefore, this would be a minor positive for the assessment. This</p> <p>will be enhanced by a criteria in the policy, and site allocations would be made in line with it; although it should be acknowledged that localize development is relatively limited.</p>

Summary

No policy will have generally negative effects, significantly upon the homes provision and health objectives.

Site allocations are the most sustainable option, especially for the homes provision and health objectives, although they would have some uncertainties until sites are identified and they can be assessed.

The criteria and over-provision options are similar in effects and have some positives but no significant benefits.

Preferred Policy Direction: Our Employment and economic development

Sustainability Objective	Employment Growth Option 1 – Expansion of existing employment locations	Employment Growth Option 2 – New locations	Appraisal Comments
Social Factors			
To provide housing to meet local need including provision of affordable homes.	N	N	<p>Both Growth Options have the potential to indirectly improve housing growth in the District by promoting economic growth.</p> <p>However, as the Growth options are focussed on the delivery of employment land only it is considered that both the options will result in a neutral effect on this sustainability objective.</p>
To promote safe communities and reduce fear of crime	N	N	<p>Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Crime and anti-social behaviour could further increase due to the anticipated levels of growth in each option.</p> <p>Strategic Objective 11 seeks to ensure a high standard of community safety and thus the preferred growth option will need to include reference to specific measures, including investment in local policing, to minimise crime and fear of crime. On this basis, both the growth options will have a neutral effect on this sustainability objective.</p>
Improve access to health facilities and promote wellbeing	N	N	Both Growth Options seek to bring forward new employment land in order to contribute to economic growth in the District. Accordingly, there is no direct link between the Growth Options and this sustainability objective.

Sustainability Objective	Employment Growth Option 1 – Expansion of existing employment locations	Employment Growth Option 2 – New locations	Appraisal Comments
			On this basis, both the growth options will have a neutral effect on this sustainability objective.
Maximise the use of previously developed land/ buildings and encourage the efficient use of land	N	--	<p>Employment Growth Option 1 seeks to focus new development within or adjacent to existing employment locations in the first instance. However, this will not occur in all cases and thus it cannot be concluded that this option will maximise the use of previously developed land. This growth option will, on balance, result in a neutral effect on this sustainability objective.</p> <p>Employment Growth Option 2 will focus new development outside of existing settlement boundaries on open land. This option, therefore, represents a significant negative effect on this sustainability option.</p>
To improve educational attainment of the working age population	+	+	<p>Both Growth Options have the potential to indirectly improve education attainment by bringing forward opportunities for apprenticeships and on-job training in conjunction with the employment development.</p> <p>The promotion of sustainable communities is a strategic objective of the Local Plan Review (Strategic Objective 1). The development of both the Growth Options will contribute to this sustainability objective and represent a minor positive effect.</p>
Economic Factors			
To achieve stable and sustainable levels of economic growth and	++	++	The promotion of economic prosperity is a strategic objective of the Local Plan Review (Strategic Objective 8) .

Sustainability Objective	Employment Growth Option 1 – Expansion of existing employment locations	Employment Growth Option 2 – New locations	Appraisal Comments
maintain economic competitiveness			Both options will bring forward economic growth and prosperity to the District. On this basis, both the growth options will have a significant adverse effect on this sustainability objective.
Environmental Factors			
To manage water availability and reduce water or air pollution	N	N	<p>Specific measures relating to the management of water availability and the minimisation of water or air pollution levels have not been considered in the Lichfield District Local Plan Review: Scope, Issues and Options document.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will not result in water or air pollution. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to both the employment growth options. Based on the above, the growth options represent a neutral effect on this sustainability objective.</p>
To minimise waste and increase the recycling and reuse of waste materials	+	+	<p>Specific measures relating to the minimisation of waste and recycling have not been considered in the Lichfield District Local Plan Review: Scope, Issues and Options document. This is an important consideration as waste arisings will inevitably increase due to the increase in the District’s economic activity.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will provide facilities to allow the recycling of materials. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, both the growth options represent a positive effect on this sustainability objective.</p>
To reduce and manage flood risk and surface water run off	N	N	Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change.

Sustainability Objective	Employment Growth Option 1 – Expansion of existing employment locations	Employment Growth Option 2 – New locations	Appraisal Comments
			<p>The proposed Employment Growth Options do not have precise geographic boundaries and therefore impacts on flood risk areas cannot be fully assessed at this stage. The future stages of the Sustainability Appraisal of the Local Plan Review will assess flood risk in detail. Employment Development in either options will inevitably increase impermeable surfaces resulting in increased water run-off and potential pollution of water courses.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development is accompanied by initiatives to reduce run off. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the growth options represent a neutral effect on this sustainability objective.</p>
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	N	N	<p>Strategic Objective 3 seeks to minimise the effect of new development, required to meet the needs of the District, on the environment and help the District mitigate and adapt to the adverse effects of climate change.</p> <p>Mitigating the effects of climate change is a ‘cross discipline’ issue and existing policies in the Lichfield Local Plan Strategy seek to address this sustainability objective in the context of promoting sustainable development. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the growth options represent a neutral effect on this sustainability objective.</p>
To promote biodiversity protection enhancement and management of species and habitats	N	N	Both Employment Growth Options have the potential to impact negatively on the District’s biodiversity assets via the loss of open land but also offer the opportunity for significant ecological enhancement and habitat creation. Ultimately impacts on the biodiversity will depend on quantum of new land take together with the location and design of the proposed growth options.

Sustainability Objective	Employment Growth Option 1 – Expansion of existing employment locations	Employment Growth Option 2 – New locations	Appraisal Comments
			<p>Existing Policy NR3 in the Lichfield Local Plan Strategy seek to ensure that new development does not result in an adverse effect on biodiversity, protected species or their habitats. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the growth options. Based on the above, both the growth options represent a neutral effect on this sustainability objective.</p>
To ensure the protection and enhancement of the historic environment and its setting	N	N	<p>Both Employment Growth Options have the potential to result in negative impacts on the historic environment, including archaeological remains, and their settings.</p> <p>The spatial options Lichfield District Local Plan Review: Scope, Issues and Options document do not have specific geographic boundaries and therefore impacts on the historic environment cannot be assessed at this stage.</p> <p>Existing Core Policy 14 in the Lichfield Local Plan Strategy seek to ensure that new development does not result in an adverse effect on the built or historic environment. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the growth options. Based on the above, all the growth options represent a neutral effect on this sustainability objective.</p>
Protect, enhance and manage the character and quality of the landscape and townscape	N	N	<p>Both Employment Growth Options have the potential to impact negatively on the District’s landscape and townscape. Ultimately impacts on the landscape and townscape will depend on quantum of new land take together with the location and design of the proposed growth areas. The spatial options Lichfield District Local Plan Review: Scope, Issues and Options document do not have specific geographic boundaries and therefore impacts on the landscape and townscape cannot be fully assessed at this stage.</p>

Sustainability Objective	Employment Growth Option 1 – Expansion of existing employment locations	Employment Growth Option 2 – New locations	Appraisal Comments
			<p>Strategic Objective 12 seeks to protect and enhance the quality and character of the District’s landscape character including the openness of the Green Belt.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development does not result in an adverse effect on the landscape and townscape of the District. These policies will be taken forward into the Local Plan Review and thus the implementation of the policies will apply to all the growth options. Based on the above, all the growth options represent a neutral effect on this sustainability objective.</p>
To increase opportunities for non-car travel and reduce the need for travel	+	-	<p>Employment Growth Option 1 offer the best opportunities to increase non-car travel and reducing the need for travel due to the focussing of new development in existing employment locations were public transport, including opportunities for enhanced services, is available. Based on the above, Employment Growth Option 1 score as a minor positive effect on this sustainability objective.</p> <p>Employment Growth Option 2 is less suited to reducing the need for travel due to the dispersed nature of the likely development, i.e. away from existing public transport route.</p> <p>It is accepted that existing policies in the Lichfield Local Plan Strategy seek to promote sustainable transport which, if implemented, will improve the score for Employment Growth Options 2 by the provision/investment in new or enhanced public transport in conjunction with the proposed employment development. However, as no specific measures have been considered in the Lichfield District Local Plan Review: Scope, Issues and Options document impacts on this objective cannot be fully assessed at this stage. Based on the above, Employment Growth Options 2 represent a minor negative effect on this sustainability objective.</p>

Summary

Both options tend to match each other except for a significant negative effect on the efficient use of land objective. Both have a significant positive effect on the economic growth objective as anticipated.

Sustainability Objective	No policy.	Home-working.	Rural economy.	Brownfield.	Greenfield.	Additional employment growth.	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	?	N	N	N	-	-	<p>Although employment and economic development may occur incrementally in any case, this would be speculative and therefore any arising need to provide for new local employees is difficult to predict.</p> <p>Home-working would be locally neutral but may lead to more need if employees who would have worked outside the District find Lichfield to be a more desirable residential location.</p> <p>Support for the rural economy would tend to benefit local residents.</p> <p>Brownfield sites would tend to favour local residents as by definition they are in the built up areas. Greenfield sites may be more accessible and attractive to the external workforce, and increase local need.</p> <p>Additional employment growth may increase pressure on local need to the detriment of existing residents.</p>
To promote safe communities and reduce fear of crime	N	N	-	N	-	-	<p>Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Strategic Objective 11 seeks to ensure a high standard of community safety and thus the preferred option will need to</p>

Sustainability Objective	No policy.	Home-working.	Rural economy.	Brownfield.	Greenfield.	Additional employment growth.	Appraisal Comments
							<p>include reference to specific measures, including designing out crime and investment in local policing, to minimise crime and fear of crime.</p> <p>No policy would maintain the status quo on this objective.</p> <p>Home-working has the potential to reduce commercial crime if less facilities are needed.</p> <p>A more prosperous rural economy offers more opportunity for crime and in more remote places.</p> <p>Brownfield sites should be integrated with existing community safety operations. Greenfield sites would add new operational community safety areas.</p> <p>Additional employment growth offers new opportunities for crime.</p>
Improve access to health facilities and promote wellbeing	N	N	N	N	N	N	None of the policy options would have a direct effect on this objective.
Maximise the use of previously developed land/ buildings and encourage	--	+	?	++	-	+	<p>Having no policy would fail to deliver on this objective.</p> <p>In several senses, home-working helps this objective by using existing spaces more effectively and potentially reducing</p>

Sustainability Objective	No policy.	Home-working.	Rural economy.	Brownfield.	Greenfield.	Additional employment growth.	Appraisal Comments
the efficient use of land							<p>land take by decreasing the need for workspace.</p> <p>The effect on this objective depends on the demand for any additional development on non-brownfield land, for example outside the curtilage of rural buildings.</p> <p>The brownfield part of the policy delivers this objective. Greenfield development would be contrary, although there may always be a choice of these types of land for developers even with a greenfield option.</p> <p>Additional employment growth offers more option for re-use of land.</p>
To improve educational attainment of the working age population	-	+	+	+	N	+	<p>No policy would limit the opportunity for employment and economic development which enables education. This could be mitigated by a policy supporting high quality jobs in sectors appropriate to the area.</p> <p>Home-working could accompany access to wider educational opportunities.</p> <p>Boosting the rural economy will improve access to educational opportunities from those areas.</p> <p>The land type will have no effect on this objective.</p>

Sustainability Objective	No policy.	Home-working.	Rural economy.	Brownfield.	Greenfield.	Additional employment growth.	Appraisal Comments
							The greater the employment and economic development, generally the greater the educational opportunities.
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	--	+	++	+	+	+	<p>The promotion of economic prosperity is a strategic objective of the Local Plan Review (Strategic Objective 8). The promotion of employment and economic development through all the policy options will contribute to this sustainability objective.</p> <p>No policy would have a significant negative effect on this objective because of the vacuum in support.</p> <p>Home-working may have a positive effect by helping productivity.</p> <p>The rural economy will make a significant positive on this objective in Lichfield District, especially in that area.</p>

<p>To manage water availability and reduce water and air pollution</p>	-	N	-	+	-	-	<p>No policy would miss the opportunity to improve current conditions.</p> <p>Home-working would only displace any effects and these would currently be relatively minimal.</p> <p>Growth in the rural economy could potentially increase negative effects in that area and in an area more likely to have effects due to reduced infrastructure.</p> <p>Brownfield areas are more likely to have existing infrastructure and be adaptable. Greenfield areas would be converse, requiring infrastructure and in areas of new susceptibility.</p> <p>No housing would negate the opportunity to reduce water and air pollution.</p> <p>Additional employment growth adds to the risk against this objective including through expansion into new areas. This may be mitigated by the opportunity to develop more efficient operations.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will not result in water or air pollution. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the employment and economic development options.</p>
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<p>To minimise waste and increase the recycling and reuse of waste materials</p>	<p>N</p>	<p>+</p>	<p>+</p>	<p>+</p>	<p>+</p>	<p>+</p>	<p>No policy would maintain the status quo on this objective.</p> <p>Specific measures relating to the minimisation of waste and recycling have been considered in the Lichfield District Local Plan Review: Core Policy 3. This is an important consideration as waste arisings will inevitably increase due to the increase in the District's economic activity under the growth options, which it is hoped CP3 will mitigate.</p> <p>Home-working would just displace the issue.</p> <p>The geographic spread of options will have no effects.</p> <p>Additional employment growth will further increase waste but it is considered that the mitigation for the other policy options will accommodate this.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development will provide facilities to allow the recycling of materials. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the policy options represent a positive effect on this sustainability objective.</p>
<p>To reduce and manage flood</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change.</p>

<p>risk and surface water run off</p>							<p>No policy will not change effects, although employment and economic development is likely as a continuation of history without policy support.</p> <p>Home-working maintains the status quo.</p> <p>The future stages of the Sustainability Appraisal of the Local Plan Review will assess flood risk in detail. Development under all growth options will inevitably increase impermeable surfaces resulting in increased water run-off and potential pollution of water courses.</p> <p>Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development is accompanied by initiatives to reduce run off. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the growth options. Based on the above, all the policy options represent a neutral effect on this sustainability objective.</p>
<p>To reduce and manage the impacts of climate change and the Districts contribution to the causes of.</p>	-	N	N	N	N	N	<p>Strategic Objective 3 seeks to minimise the effect of new development, required to meet the needs of the District, on the environment and help the District mitigate and adapt to the adverse effects of climate change.</p> <p>No policy would miss the opportunity for regeneration and to reduce the impacts of</p>

							<p>climate change and the Districts contribution to the causes of.</p> <p>Mitigating the effects of climate change is a 'cross discipline' issue and existing policies in the Lichfield Local Plan Strategy, including Core Policy 3, seek to address this sustainability objective in the context of promoting sustainable development. These policies will be taken forward into the Local Plan Review and thus the implementation of the existing policies will apply to all the policy options. Based on the above, all the growth options represent a neutral effect on this sustainability objective.</p>
<p>To promote biodiversity protection enhancement and management of species and habitats</p>	N	N	N	N	N	N	<p>No policy would maintain the status quo, although employment and economic development is likely as a continuation of history even without policy support.</p> <p>Home-working maintains the status quo.</p> <p>All development options have the potential to impact negatively on the District's biodiversity assets in both the urban and countryside areas but also offer the opportunity for significant ecological enhancement and habitat creation. Ultimately impacts on the biodiversity will depend on quantum of new land take together with the location and design of the proposed growth areas.</p> <p>Existing Policy NR3 in the Lichfield Local Plan Strategy seeks to ensure that new</p>

							<p>development does not result in an adverse effect on biodiversity, protected species or their habitats. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the growth options. Based on the above, all the options represent a neutral effect on this sustainability objective.</p>
<p>To ensure the protection and enhancement of the historic environment and its setting</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>N</p>	<p>No policy would maintain the status quo, although employment and economic development is likely as a continuation of history even without policy support.</p> <p>Home-working is unlikely to affect this objective unless there are adaptations to a listed building.</p> <p>All growth options have the potential to result in negative impacts on the historic environment, including archaeological remains, and their settings.</p> <p>Existing Core Policy 14 in the Lichfield Local Plan Strategy seeks to ensure that new development does not result in an adverse impact on the built or historic environment. This policy will be taken forward into the Local Plan Review and thus the implementation of the policy will apply to all the employment and economic development policy options. Based on the above, all the growth</p>

							options represent a neutral effect on this sustainability objective.
Protect, enhance and manage the character and quality of the landscape and townscape	N	N	N	N	N	N	<p>No policy would maintain the environment for this objective, although employment and economic development is likely as a continuation of history even without policy support.</p> <p>Home-working would maintain the status quo.</p> <p>All growth options have the potential to impact negatively or positively on the District's landscape and townscape. Ultimately impacts on the landscape and townscape will depend on quantum of new land take together with the location and design of the proposed housing mix developments.</p> <p>Strategic Objective 12 seeks to protect and enhance the quality and character of the District's landscape character including the openness of the Green Belt. Existing policies in the Lichfield Local Plan Strategy seek to ensure that new development does not result in an adverse effect on the landscape and townscape of the District. These policies will be taken forward into the Local Plan Review and thus the implementation of the policies will apply to all the policy</p>

							<p>options. Based on the above, the growth options represent a neutral effect on this sustainability objective.</p>
<p>To increase opportunities for non-car travel and reduce the need for travel</p>	<p>N</p>	<p>+</p>	<p>-</p>	<p>+</p>	<p>-</p>	<p>?</p>	<p>It is accepted that existing policies in the Lichfield Local Plan Strategy seek to promote sustainable transport which, if implemented, will improve the assessment for growth options by the provision/investment in new or enhanced public transport in conjunction with the proposed development. Specific measures have been considered in the Lichfield District Local Plan Review: Preferred Options document under Core Policy 5.</p> <p>No policy would be neutral in maintaining the status quo, although employment and economic development is likely as a continuation of history even without policy support.</p> <p>Home-working reduces the need for travel.</p> <p>Boosting the rural economy would lead to increased travel due to reduced non-car travel options and the need for travel.</p> <p>Brownfield development is more likely to be in areas with opportunities for non-car travel and reduce the need for travel. Conversely, greenfield development is less likely to be in areas with</p>

							<p>opportunities for non-car travel and increase the need for travel.</p> <p>The effect of additional employment growth will depend upon precise location but will be mitigated by the steer to the most sustainable locations.</p>
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Overall Summary – Preferred Policy Direction: Our Employment and economic development

The scope assessments are repeated here as the preferred option of employment growth will be focused on our current employment areas, particularly in Lichfield City, Burntwood and at Fradley Park, which was one of the two options in the Scope consultation now selected. The conclusion to the Scope assessment, paragraph 5.10.1, was that Employment Growth Option 1 assessed best overall as it reduces the geographic spread of development, represents the efficient use of land, contributes to economic growth, as well as reducing the need to travel by using and enhancing existing public transport links. It is therefore logical from the sustainability perspective to present it as the preferred option.

This latest appraisal assesses the details of the policy which support the locational direction.

Having no policy generally has neutral or negative effects, significant in respect of previously developed land use and economic growth objectives.

Home-working is generally positive across objectives but its significance is limited by its current limited scale relative to all employment and economic development.

Supporting the rural economy is marginally more positive than detrimental to sustainability, but significantly beneficial to economic growth objective. The minor negatives result from remoteness reducing accessibility.

Promoting brownfield development is significantly more beneficial than greenfield development, especially, of course, on use of previously developed land, with no negatives; whilst use of greenfield land would be marked by negative effects.

Additional economic growth has some negative effects but none significant, balanced by positive effects on economic related objectives.

Preferred strategic policy: Our centres			
Sustainability Objective	No policy	securing sustainable development	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	N	No direct link to this objective.
To promote safe communities and reduce fear of crime	N	N	Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Strategic Objective 11 seeks to ensure a high standard of community safety. No direct link to this objective but centres have distinctive crime characteristics and would benefit from consideration in locations, design and community safety provision.
Improve access to health facilities and promote wellbeing	-	?	Strategic Objective 11 seeks to promote and ensure healthy choices and healthier living. New development has the potential to offer the opportunity to 'design-in' new indoor and outdoor leisure facilities and bring forward new or expanded health facilities. No policy would fail to deliver this objective through planning, although health facilities may be delivered by other means. Health facilities may be part of the uses in our centres.
Maximise the use of previously developed land/buildings and encourage the	--	+	No policy would fail to deliver this objective as the Council could not ensure efficient use of land. Managing development in our centres is likely to meet this objective because of the locations.

Preferred strategic policy: Our centres			
Sustainability Objective	No policy	securing sustainable development	Appraisal Comments
efficient use of land			
To improve educational attainment of the working age population	-	+	No policy would fail to benefit this objective, however, education could be provided irrespectively. The policy would support education as part of centres economies but is beyond the total control of planning.
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	--	++	No policy would fail to deliver this objective due to lack of management. The policy is designed to meet this objective.
To manage water availability and reduce water and air pollution	N	N	No direct link to this objective but implementation may impact upon it depending upon locations and construction methods, especially air pollution in high density areas.
To minimise waste and increase the recycling and	N	N	No direct link to this objective so long as the service can absorb the commercial provision.

Preferred strategic policy: Our centres

Sustainability Objective	No policy	securing sustainable development	Appraisal Comments
reuse of waste materials			
To reduce and manage flood risk and surface water run off	N	N	Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change. No direct link to this objective subject to site locations and the inevitable run off from the built environment.
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	N	N	No direct link to this objective but implementation should consider any incidental impacts on this objective. Concentration in centres could maintain the existing situation.

To promote biodiversity protection enhancement and management of species and habitats	N	N	No direct link to this objective but urban wildlife could be temporarily impacted by development.
To ensure the protection and enhancement of the historic environment and its setting	--	+	Because the historic environment is prevalent in our centres, no policy would significantly fail to deliver on this objective. The policy will contribute to positive management of our centres for this objective but there may be conflict with other objectives for the centres.
Protect, enhance and manage the character and quality of the landscape and townscape	-	+	No policy would fail to deliver on this objective due to a lack of management of our centres. The policy will contribute to this objective by managing our centres in terms of townscape but subject to high design quality.
To increase opportunities for non-car travel and reduce the need for travel	--	++	No policy would miss the Council's opportunity to manage for this objective. The policy would contribute to this objective by concentrating on our centres with existing infrastructure and through supporting improvements to the accessibility of centres, especially sustainable means of transport.

Summary

Generally, having no policy would have negative effects on sustainability objectives, significantly upon efficient use of land, economic growth, the historic environment and travel; with no positives. The policy would have generally positive effects and significant benefits on the economic growth and travel objectives; and no negatives; therefore having the policy is better than not.

Preferred policy: Lichfield economy

Sustainability Objective	Lichfield economy	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	No direct link to this policy but the need for homes in the area will be linked to the Lichfield economy.
To promote safe communities and reduce fear of crime	N	Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Strategic Objective 11 seeks to ensure a high standard of community safety. No direct link to this objective but Lichfield has distinctive crime characteristics and would benefit from consideration in design and community safety provision.
Improve access to health facilities and promote wellbeing	N	No direct link to this policy but the leisure facilities would promote wellbeing.
Maximise the use of previously developed land/buildings and encourage the efficient use of land	++	The policy will be a significant contributor to delivering this objective through exploiting redevelopment opportunities, and encouraging the efficient use of land.
To improve educational attainment of the	+	Education facilities are included in the policy.

Preferred policy: Lichfield economy

Sustainability Objective	Lichfield economy	Appraisal Comments
working age population		
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	++	A policy on the Lichfield economy is designed to deliver this objective locally.
To manage water availability and reduce water and air pollution	?	No direct link to this objective but implementation may affect it subject to design and construction methodology.
To minimise waste and increase the recycling and reuse of waste materials	?	No direct link to this objective but the use of sustainable construction method will support it and so long as the service can absorb the commercial input.
To reduce and manage flood risk and surface water run off	?	Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change. No direct link to this objective but the use of sustainable urban drainage systems will support it.
To reduce and manage the impacts of	+	Concentrating development in this centre supports this objective but some projects will lead to consequential negative effects on this objective through development processes.

Preferred policy: Lichfield economy

Sustainability Objective	Lichfield economy	Appraisal Comments
climate change and the Districts contribution to the causes of.		
To promote biodiversity protection enhancement and management of species and habitats	?	No direct link to this objective but local urban wildlife could be temporarily impacted by development.
To ensure the protection and enhancement of the historic environment and its setting	++	The policy explicitly supports this objective by sustaining and enhancing the significance of its historic environment and heritage assets and their setting.
Protect, enhance and manage the character and quality of the landscape and townscape	?	Depends upon project locations and if the landscape and townscape can absorb constructions.

To increase opportunities for non-car travel and reduce the need for travel	+	By definition the policy should meet this objective but the road linked projects negate some positive effect.
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Summary

Generally this policy is positively sustainable, especially to the economic growth objective, with no negative effects.

Preferred policy: Burntwood economy		
Sustainability Objective	Burntwood economy	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	No direct link to this policy but the need for homes in the area will be linked to the Burntwood economy.
To promote safe communities and reduce fear of crime	N	Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Strategic Objective 11 seeks to ensure a high standard of community safety. No direct link to this objective but Burntwood town centre has distinctive crime characteristics and would benefit from consideration in design and community safety provision.
Improve access to health facilities and promote wellbeing	+	The policy explicitly references new health, leisure and recreational resources, although other partner agencies are needed to help deliver this objective.

Preferred policy: Burntwood economy

Sustainability Objective	Burntwood economy	Appraisal Comments
Maximise the use of previously developed land/buildings and encourage the efficient use of land	++	The policy will be a significant contributor to delivering this objective through regeneration and specific projects in the IDP, and encouraging the efficient use of land in a town centre where previously developed land is available.
To improve educational attainment of the working age population	++	Education resources are included in the policy and there is reference to employment opportunities will be maximised to encourage Burntwood residents to be able to access a range of locally accessible opportunities suitable to their skills and, significantly, aspirations.
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	++	A policy on the Burntwood economy is designed to deliver this objective locally.
To manage water availability and reduce water and air pollution	?	No direct link to this objective but implementation may affect it subject to design and construction methodology.
To minimise waste and increase the recycling and	?	No direct link to this objective but the use of sustainable construction method will support it, and so long as the service can absorb the commercial input.

Preferred policy: Burntwood economy

Sustainability Objective	Burntwood economy	Appraisal Comments
reuse of waste materials		
To reduce and manage flood risk and surface water run off	?	Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change. No direct link to this objective but the use of sustainable urban drainage systems will support it.
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	+	Concentrating development in this centre supports this objective but some projects will lead to consequential negative effects on this objective through development processes.
To promote biodiversity protection enhancement and management of species and habitats	?	No direct link to this objective but local urban wildlife could be temporarily impacted by development.
To ensure the protection and enhancement of the historic	N	The historic environment is relatively insignificant in Burntwood.

Preferred policy: Burntwood economy		
Sustainability Objective	Burntwood economy	Appraisal Comments
environment and its setting		
Protect, enhance and manage the character and quality of the landscape and townscape	?	No reference is made to townscape management in the policy.
To increase opportunities for non-car travel and reduce the need for travel	++	As a town centre in Lichfield District, Burntwood is already an accessible location for development. The policy also includes references to enhancements to pedestrian linkages and public transport facilities.

Summary

Generally this policy is positively sustainable, significantly to the efficient use of land, educational attainment, economic growth and travel objectives, with no negative effects.

Preferred Policy Direction: Tourism

Sustainability Objective	No policy	Tourism	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	N	No direct link to this objective but this objective if met would support the policy.
To promote safe communities and reduce fear of crime	N	N	No direct impact on this objective.
Improve access to health facilities and promote wellbeing	N	N	No direct impact on this objective.
Maximise the use of previously developed land/buildings and encourage the efficient use of land	N	?	The impact on this objective is uncertain.
To improve educational attainment of the working age population	N	N	No direct impact on this objective.

Preferred Policy Direction: Tourism

Sustainability Objective	No policy	Tourism	Appraisal Comments
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	N	++	Tourism offer economic benefits to the District
To manage water availability and reduce water and air pollution	N	N	No direct impact on this objective.
To minimise waste and increase the recycling and reuse of waste materials	N	N	No direct link to this objective so long as the service can absorb the provision.
To reduce and manage flood risk and surface water run off	N	N	No direct impact on this objective.
To reduce and manage the impacts of climate change and the Districts	N	N	No direct impact on this objective.

Preferred Policy Direction: Tourism

Sustainability Objective	No policy	Tourism	Appraisal Comments
contribution to the causes of.			
To promote biodiversity protection enhancement and management of species and habitats	N	N	No direct impact on this objective.
To ensure the protection and enhancement of the historic environment and its setting	N	+	Tourism offer indirect benefits to this objective
Protect, enhance and manage the character and quality of the landscape and townscape	N	N	No direct impact on this objective.
To increase opportunities for non-car travel	N	?	No direct impact on this objective.

Preferred Policy Direction: Tourism			
Sustainability Objective	No policy	Tourism	Appraisal Comments
and reduce the need for travel			

Summary

This Policy has no direct effect on the majority of SA objectives.

The policy will have significant positive effects on the economic development and conservation and protection of the historic environment.

Preferred Policy Direction: Healthy & Safe Communities

Sustainability Objective	No policy	Healthy & Safe Communities	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	N	No direct link to this objective but this objective if met would support the policy, especially affordable homes.
To promote safe communities and reduce fear of crime	N	++	Crime rates in the District are lower than the national average but burglary and theft rates have increased in recent years. Strategic Objective 11 seeks to ensure a high standard of community safety. Policy includes community safety.
Improve access to health facilities and promote wellbeing	--	++	Strategic Objective 11 seeks to promote and ensure healthy choices and healthier living. New development has the potential to offer the opportunity to 'design-in' new indoor and outdoor leisure facilities and bring forward new or expanded health facilities. No policy would fail to deliver this objective through planning, although health facilities may be delivered by other means. Policy is designed to deliver this objective.
Maximise the use of previously developed land/buildings and encourage the efficient use of land	N	?	No policy would maintain the current situation. Policy effects will be determined by locations.
To improve educational	N	N	No direct impact on this objective.

Preferred Policy Direction: Healthy & Safe Communities

Sustainability Objective	No policy	Healthy & Safe Communities	Appraisal Comments
attainment of the working age population			
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	N	N	No direct effect on this objective but health and safety contribute to the economy.
To manage water availability and reduce water and air pollution	N	N	No direct link to this objective but implementation may impact upon it depending upon locations and construction methods.
To minimise waste and increase the recycling and reuse of waste materials	N	N	No direct link to this objective so long as the service can absorb the provision.
To reduce and manage flood risk and surface water run off	N	N	Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change. No direct link to this objective subject to site locations and the inevitable run off from the built environment.

Preferred Policy Direction: Healthy & Safe Communities

Sustainability Objective	No policy	Healthy & Safe Communities	Appraisal Comments
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	N	N	No direct link to this objective but implementation should consider any incidental impacts on this objective. Delivery of the objective will support the policy.
To promote biodiversity protection enhancement and management of species and habitats	N	N	No direct link to this objective subject to infrastructure locations.
To ensure the protection and enhancement of the historic environment and its setting	N	N	No direct link subject to infrastructure locations.
Protect, enhance and manage the character and quality of the landscape and townscape	N	N	No direct link subject to infrastructure locations, although any development will affect the objective.

Preferred Policy Direction: Healthy & Safe Communities

Sustainability Objective	No policy	Healthy & Safe Communities	Appraisal Comments
To increase opportunities for non-car travel and reduce the need for travel	N	?	No policy would miss the Council's opportunity to manage for this objective. Effects of the policy will depend upon infrastructure locations.

Summary

No policy will have a significant negative effect on the health objective.

The policy will have significant positive effects on the health and community safety objectives.

Preferred Policy Direction: Open Space and Recreation

Sustainability Objective	No policy	Open Space and Recreation	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	N	No direct link to this objective.
To promote safe communities and reduce fear of crime	N	N	No direct link to this objective but such policy may support an acknowledged diversionary activity for some communities.
Improve access to health facilities and promote wellbeing	-	+	<p>Strategic Objective 11 seeks to promote and ensure healthy choices and healthier living. New development has the potential to offer the opportunity to 'design-in' new indoor and outdoor leisure facilities and bring forward new or expanded health facilities.</p> <p>No policy would fail to deliver this objective through planning, although health facilities may be delivered by other means.</p> <p>The policy will support appropriate improvements to community infrastructure which increase the opportunities to access activities that increase health and wellbeing in our communities; and shared facilities which increase the opportunities to access activities that increase health and wellbeing in our communities including provision within schools and colleges.</p>
Maximise the use of previously developed land/buildings and encourage the efficient use of land	-	N	<p>No policy would fail to deliver this objective as the Council could not ensure efficient use of land and previously developed land is not explicitly mentioned.</p> <p>The policy does not explicitly support use of previously developed land but the protection of buildings and land encourages the efficient use of land.</p>

To improve educational attainment of the working age population	N	N	There is no explicit link to this objective but shared facilities provision within schools and colleges and initiatives that influence attitudes and behaviours to inspire demand for sport and physical activity will be supported including those that aim to address obesity, work with our schools and colleges implies that there may be a link.
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	N	N	There is no direct link to this objective.
To manage water availability and reduce water and air pollution	N	N	No direct link to this objective but implementation of building may impact upon it depending upon locations and construction methods.
To minimise waste and increase the recycling and reuse of waste materials	N	N	No direct link to this objective.
To reduce and manage flood risk and surface water run off	N	N	Areas of Lichfield District lie within areas of flood risk, which may expand due to climate change. No direct link to this objective subject to facilities locations and the inevitable run off from built environment but this is in the control of providers, but open space is a potential contributor to flood risk management and surface water runoff, especially if protected land is in relevant flood zones.

To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	-	+	<p>The loss of open space in the absence of a protective policy could impact upon this objective.</p> <p>The protection of open space will counter the negative effect of loss to potentially damaging uses including hard surfaces.</p>
To promote biodiversity protection enhancement and management of species and habitats	N	N	No direct link to this objective but the loss of open space may be detrimental to biodiversity which has benefit from its presence, and, to the contrary, the protection of open space is more likely to have incidental benefit to biodiversity, especially in wildlife corridors.
To ensure the protection and enhancement of the historic environment and its setting	-	?	<p>No policy would fail to deliver on this objective by not managing land uses which are usually beneficial to the historic environment and its setting.</p> <p>Depends upon the locations of open space and recreation, but open space is generally beneficial to the historic environment and its setting.</p>
Protect, enhance and manage the character and quality of the landscape and townscape	-	+	<p>No policy would fail to deliver on this objective due to a lack of management of development.</p> <p>Open space is usually integral to management which is of benefit to this objective, especially in townscape and the arrangement of spaces.</p>
To increase opportunities for non-car travel	-	++	No policy would miss the Council's opportunity to manage for this objective, especially if users have to travel to alternative provision due to loss of local provision.

and reduce the need for travel			<p>The policy would contribute to this objective by managing accessibility. The protection of existing buildings and land ensures local accessibility.</p> <p>The policy's point that sustainable places that make easy for our communities to become active including open space infrastructure that provides a connective active travel routes (walking and cycling) between existing open space, sports and recreational infrastructure will be supported; and support the development and growth of annual or one off sporting events that are accessible to our communities, will both contribute to this objective.</p>
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Summary

Generally, having no policy would have negative effects on sustainability objectives; with no positives. The policy would have generally positive effects and significant benefit on the travel objective; and no negatives; therefore having the policy is better than not.

Preferred policy direction: Our natural resources

Sustainability Objective	No policy	Our natural resources	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	-	Currently no direct link to this objective. The policy will be a constraint on homes provision.
To promote safe communities and reduce fear of crime	N	N	No direct link to this objective.
Improve access to health facilities and promote wellbeing	N	+	No direct link to this objective for no policy. Interaction with natural resources is proven to help wellbeing.
Maximise the use of previously developed land/ buildings and encourage the efficient use of land	N	+	No policy would maintain the current circumstances. Natural resources as a constraint would tend to promote previously developed land.

To improve educational attainment of the working age population	N	N	There is no direct link to this objective.
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	N	-	Currently no direct link to this objective. The policy will be a potential constraint on economic activity.
To manage water availability and reduce water and air pollution	N	N	There is no direct link to this objective, although natural resources could reduce pollution.
To minimise waste and increase the recycling and reuse of waste materials	N	N	No direct link to this objective.
To reduce and manage flood risk and surface water run off	N	N	No direct link to this objective.
To reduce and manage the impacts of	--	++	No policy will fail to deliver on this objective. Management of natural resources is a key way to help this objective.

climate change and the Districts contribution to the causes of.			
To promote biodiversity protection enhancement and management of species and habitats	--	++	No policy will fail to deliver on this objective. The policy promotes this objective.
To ensure the protection and enhancement of the historic environment and its setting	-	+	No policy fails this objective. The historic landscapes part of this policy partially delivers this objective.
Protect, enhance and manage the character and quality of the landscape and townscape	-	++	No policy fails this objective. The policy delivers this objective, covering Natural and historic landscapes.
To increase opportunities for non-car travel and reduce the need for travel	N	N	There is no direct link to this objective.

Summary

Generally, having no policy would have negative effects on sustainability objectives, significantly upon the climate change and biodiversity objectives; with no positives. The policy would have mostly positive effects and significantly for the climate change, biodiversity, and landscape and townscape objectives; therefore having the policy is better than not.

Preferred Policy Direction: historic and built environment

Sustainability Objective	No policy	historic and built environment	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	-	<p>No policy would support the status quo.</p> <p>The policy will be a constraint on homes provision, including in respect of conflict with density and homes in the historic environment trend to be higher value for affordable.</p> <p>This may be mitigated by using residential development as enabling development in the historic environment.</p>
To promote safe communities and reduce fear of crime	N	N	No direct link to this objective but the historic environment may conflict with the community safety objective, for example on security measures.
Improve access to health facilities and promote wellbeing	N	+	<p>No direct link to this objective for no policy.</p> <p>High quality design, tree planting, landscaping and green spaces being required as part of new development throughout the District to improve wellbeing is a benefit of the policy.</p>
Maximise the use of previously developed land/ buildings and encourage the efficient use of land	-	+	<p>No policy would miss an opportunity to support this objective.</p> <p>This environment usually has the most opportunity to support this objective.</p> <p>Policy for the re-use maintenance and repair of listed buildings and other heritage assets being supported, particularly those that have been identified as being at risk, supports this objective.</p>

To improve educational attainment of the working age population	N	N	There is no direct link to this objective.
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	N	+	<p>No policy will maintain the current circumstance.</p> <p>The policy may be seen as a constraint through protectiveness but, as stated, the historic environment contributes to sustainable communities, including economic vitality.</p>
To manage water availability and reduce water and air pollution	N	N	There is no direct link to this objective.

To minimise waste and increase the recycling and reuse of waste materials	N	N	No direct link to this objective.
To reduce and manage flood risk and surface water run off	N	N	No direct link to this objective.
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	-	+	<p>No policy will fail to deliver on this objective where this environment is a key contributor to the causes of climate change.</p> <p>High quality design, tree planting, landscaping and green spaces will be required as part of new development throughout the District to reduce the heat island effect.</p>

To promote biodiversity protection enhancement and management of species and habitats	N	N	No direct link to this objective.
To ensure the protection and enhancement of the historic environment and its setting	--	++	No policy fails this objective. The policy delivers this objective.
Protect, enhance and manage the character and quality of the landscape and townscape	--	++	No policy fails this objective. The policy delivers this objective. In conjunction with the landscape policy, landscapes and views that form the setting to the built and historic environment will also be conserved and enhanced.
To increase opportunities for non-car travel and reduce the need for travel	N	N	There is no direct link to this objective.

Summary

Generally, having no policy would have negative effects on sustainability objectives, significantly upon the historic environment and landscape and townscape objectives; with no positives. The policy would have mostly positive effects and significantly for the historic environment and landscape and townscape objectives as expected; therefore having the policy is better than not.

Preferred Policy Direction: High Quality Design

Sustainability Objective	No policy	Preferred Policy Direction: High Quality Design	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	-	<p>No policy would maintain the current situation.</p> <p>The built vernacular part of the policy may be a constraint on government policy to promotion of density-driven, residential led development within and on the edge of town centres and at key transport nodes, which may provide additional housing and affordable homes as each unit type may be smaller due to the design requirement.</p>
To promote safe communities and reduce fear of crime	--	++	<p>No policy would miss the opportunity to build in this objective.</p> <p>The policy has a part to deliver this objective.</p>
Improve access to health facilities and promote wellbeing	N	N	No direct link to this objective.

Maximise the use of previously developed land/ buildings and encourage the efficient use of land	N	N	No direct link to this policy as it does not guide allocation of land, however, the policy does guide potential developers to consider using built up areas to best advantage.
To improve educational attainment of the working age population	N	N	There is no direct link to this objective.
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	N	+	No policy will maintain the current circumstance. The policy encourages land use that makes land most marketable.
To manage water availability and reduce water and air pollution	N	+	No policy will maintain the current circumstance. Part of the policy proposes control of carbon emissions.
To minimise waste and increase the recycling and reuse of waste materials	N	N	No direct link to this objective.

To reduce and manage flood risk and surface water run off	N	N	No direct link to this objective but the policy could reference guidance to achieve it.
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	-	++	No policy will fail to deliver on this objective where this environment is a key contributor to the causes of climate change. The policy specifically targets carbon emissions, and sustainable travel which would be beneficial to this objective.
To promote biodiversity protection enhancement and management of species and habitats	-	++	No policy would fail on this objective. The policy has a criteria, the natural environment, to support this objective.
To ensure the protection and enhancement of the historic environment and its setting	--	++	No policy fails this objective. The policy delivers this objective, as its first criteria.
Protect, enhance and manage the character and quality of the	--	++	No policy fails this objective. The policy delivers this objective.

landscape and townscape			
To increase opportunities for non-car travel and reduce the need for travel	-	++	No policy would fail this objective. The policy has a part on sustainable travel.

Summary

Generally, having no policy would have negative effects on sustainability objectives, significantly upon the community safety, historic environment and, landscape and townscape objectives; with no positives. The policy would have mostly positive effects and significantly for the community safety, climate change, biodiversity, historic environment, and landscape and townscape, and travel objectives as expected; therefore having the policy is better than not.

Preferred Policy Direction historic and built environment

Preferred Policy Direction: Evidence supporting heritage proposals

Sustainability Objective	No policy	Preferred Policy Direction: Evidence supporting heritage proposals	Appraisal Comments
To provide housing to meet local need including provision of affordable homes.	N	N	No direct link to this objective.
To promote safe communities and reduce fear of crime	N	N	No direct link to this objective.
Improve access to health facilities and promote wellbeing	N	N	No direct link to this objective.
Maximise the use of previously developed land/ buildings and encourage the	N	N	No direct link to this objective but regeneration of heritage assets could maximise the use of previously developed land/ buildings.

Preferred Policy Direction historic and built environment

Preferred Policy Direction: Evidence supporting heritage proposals

Sustainability Objective	No policy	Preferred Policy Direction: Evidence supporting heritage proposals	Appraisal Comments
efficient use of land			
To improve educational attainment of the working age population	N	N	There is no direct link to this objective.
To achieve stable and sustainable levels of economic growth and maintain economic competitiveness	N	+	No policy will maintain the current circumstance. The use of heritage assets could support this objective.
To manage water availability and reduce water and air pollution	N	N	There is no direct link to this objective.

To minimise waste and increase the recycling and reuse of waste materials	N	N	No direct link to this objective.
To reduce and manage flood risk and surface water run off	N	N	No direct link to this objective.
To reduce and manage the impacts of climate change and the Districts contribution to the causes of.	N	N	No direct link to this objective.
To promote biodiversity protection enhancement and management of species and habitats	N	N	No direct link to this objective.
To ensure the protection and enhancement of the historic environment	--	++	No policy fails this objective. The policy delivers this objective.

Protect, enhance and manage the character and quality of the landscape and townscape	-	+	<p>No policy fails this objective.</p> <p>The policy supports this objective as heritage assets are a contributor to the character and quality of the landscape and townscape.</p>
To increase opportunities for non-car travel and reduce the need for travel	N	N	No direct link to this objective.

Summary

Having no policy would have some negative effects on sustainability objectives, significantly upon the historic environment and its setting objective; with no positives. The policy would have some positive effects and significantly for the historic environment and its setting objective; therefore having the policy is better than not.