



# Lichfield District **LOCAL PLAN REVIEW** 2020 - 2036

Habitat Regulations Assessment March 2018



**Screening Assessment for the Lichfield District Local Plan Review – Scope, Issues & Options Consultation**

**March 2018**

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## 1.0 Introduction

1.1 The purpose of this report is to assess the impact of the review of the Lichfield Local Plan, which is a land use plan, against the conservation objectives of European sites. As Lichfield District Council is a 'competent authority' it is required to determine if the plan is likely to have a significant effect upon a European Site. A European Site includes:

- Special Areas of Conservation (SACs) – animal and plant habitats designated under the Habitats Directive;
- Special Protection Areas (SPAs) – wild bird habitats designated under the Wild Birds Directive;
- Sites in the process of becoming SACs or SPAs; and identified or required as compensatory measures for adverse effects on European sites; and
- Listed and proposed 'Ramsar' sites – wetlands of international importance.

1.2 This screening will consider the scope of the Local Plan review and the methodology for assessing if there are any significant effects upon any European sites considering the conservation objectives for each site and any temporary, permanent, direct, indirect and in combination effects.

1.3 The report will determine if further stages of assessment as part of the compliance with the Habitat Regulations and the Conservation of Habitats and Species Regulations 2017 are necessary. However as the plan must be assessed at every relevant stage, each assessment will be commensurate with the relative precision of the plan at that particular stage, and each assessment will be updated with increasing specificity in subsequent stages of the procedure.

## 2.0 Scope of the Local Plan Review: Scope, Issues and Options Document

2.1 The Local Plan Review: Scope, Issues and Options document will consider issues, the vision, objectives and policies contained within the Local Plan Strategy (the adopted Local Plan), identify any gaps in the Local Plan framework and identify options to assist with delivery of economic growth, inclusive of housing development. The document is considering looking at a plan period from 2020 to 3036. There is a significant level of uncertainty associated with the quantum of growth the District will be dealing with and this document is an initial consultation which will help set the scope of the Plan Review and it is anticipated that a number of policies adopted in the emerging Local Plan and Local Plan Strategy will be maintained.

2.2 Part of this first stage of the Local Plan Review considers the adopted policies within the Lichfield Local Plan and the emerging policies within the Lichfield Local Plan Allocations document, these documents have already been assessed against the requirements of the Habitat Regulations including consultation with Natural England as the statutory nature conservation body and as such there is no requirement to reassess them. The Lichfield Local Plan Strategy and Lichfield Local Plan Allocations (Focused Changes) document both have a plan period of 2008-2029, the Local Plan Review covers part of the existing adopted plan period and proposes extending it to 2036, so it proposes a plan period of 2020-2036.

2.3 As preparation of the Local Plan Review progresses a further document will be prepared and assessed against the requirements of the Habitat Regulations, the Local Development Scheme indicates this will be at the Preferred Options stage which is anticipated to be in January 2019.

2.4 The Local Plan Review is not a plan directly connected with or necessary to the conservation management of a European Site.

2.5 The Local Plan Review: Scope, Issues and Options document includes consultation upon all the adopted policies within the Local Plan Strategy and the policies within the emerging Local Plan Allocations document and these are considered in detail at Appendix A of the document, it has a spatial portrait, issues, strategic objectives and a chapter on what level of growth is needed although it does not assume a zero growth option. There is also a chapter on where growth should take place and 4 potential residential growth options along with 2 employment growth options are identified as well as seeking other options and a review of existing Local Plan policies. This document will consider the options and proposals within this plan although acknowledges at present information is limited due to the early stage of preparation of the document.

### 3.0 Methodology

3.1 This initial screening assessment will;

- Identify what if any European sites may be affected;
- Identify the conservation objectives of any site that may be affected, and the condition of the site;
- Identify the potential effects of the plan or project on the site alone or in combination with other plans or projects. This will need to include consideration of each of the features for which the site is designated;
- Identify how those effects may impact on the site's conservation objectives; and
- Make a high level assessment of whether likely significant effects can be ruled out.

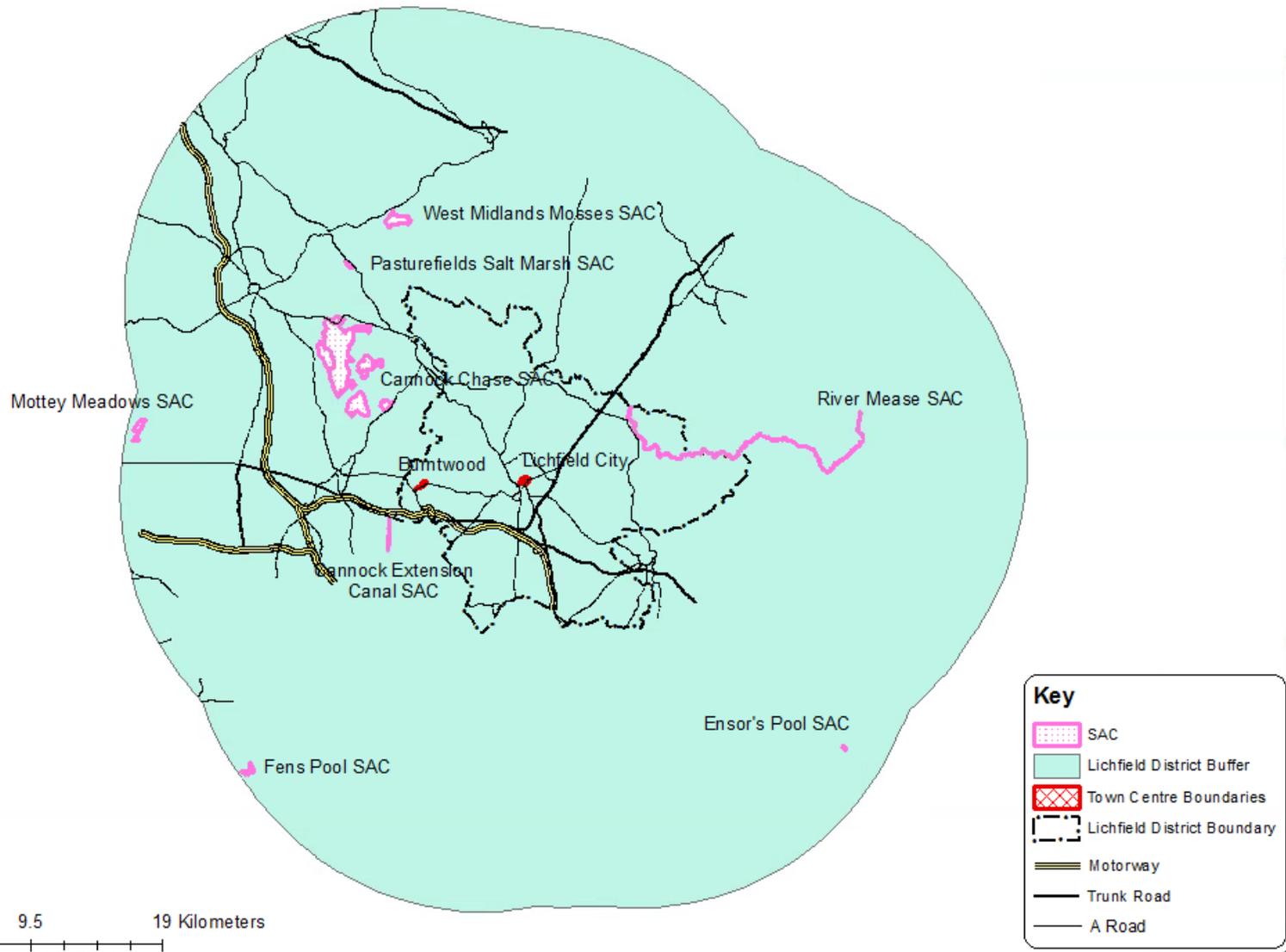
3.2 The screening report will also consider the in combination effects and any temporary, permanent, direct or indirect effects.

### 4.0 Relevant European sites

4.1 To identify which European sites should be considered evidence prepared for the Habitat Regulations Assessment which supports the adopted Local Plan Strategy which was adopted in 2015 and the Local Plan Allocations document which is currently being prepared has been considered. The adopted Local Plan and the emerging Local Plan Allocations document considered a distance of 20km from the boundary of the District as providing an initial area in which to consider the impacts of the Local Plan review upon European Sites.

4.2 The European Sites which lie within 20km of the District boundary are shown on Map 1 below.

Map 1



4.3 The map shows the following sites are within 20km of the District boundary, in addition it shows the trunk road and motorway network within the vicinity. The European Sites within this radius are:

- River Mease SAC;
- Cannock Extension Canal SAC;
- Cannock Chase SAC;
- Pasturefields Salt Marsh SAC;
- West Midlands Mosses SAC;
- Fens Pool SAC;
- Mottey Meadows SAC; and
- Ensor’s Pool SAC.

4.4 In addition the Local Plan Strategy identified that the River Trent which flows through the District flows into the Humber Estuary SAC/SPA and this is included in this Screening Assessment to enable assessment of any in combination effects. No other sites were considered to be hydrologically connected to the plan area and could feasibly be affected by downstream effects.

### 5.0 Conservation Objectives and condition of each site

5.1 The following table identifies each of the European Sites identified for a screening assessment on map 1. Table 1 includes their Qualifying features, their condition, conservation objectives, distance from Lichfield District and the main pressures affecting the site.

Table 1:

Qualifying features – condition of site	Conservation Objectives	Main pressures affecting the site
Cannock Extension Canal SAC Condition:	Distance from Lichfield: 1.1 km	Current condition of the site: majority – unfavourable recovering
S1831. <i>Luronium natans</i> ; Floating water-plantain	Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring;	<ul style="list-style-type: none"> <li>• Water Pollution</li> <li>• Over grazing</li> <li>• Invasive Species</li> <li>• Air Pollution: risk of atmospheric nitrogen deposition</li> </ul>

Qualifying features – condition of site	Conservation Objectives	Main pressures affecting the site
	<p>The extent and distribution of the habitats of qualifying species</p> <p>The structure and function of the habitats of qualifying species</p> <p>The supporting processes on the habitats of qualifying species rely</p> <p>The populations of qualifying species, and,</p> <p>The distribution of qualifying species within the site</p>	
River Mease SAC	Distance from Lichfield: Within Lichfield	Current Condition of the site : Unfavourable – no change
<p>H3260. Water courses of plain to montane levels with the Ranunculion fluitantis and Callitriche Batrachion vegetation; Rivers with floating vegetation often dominated by water-crowfoot</p> <p>S1092. Austroptamobius pallipes; White-clawed (or Atlantic stream) crayfish</p> <p>S1149. Cobitis taenia; Spined loach</p> <p>S1163. Cottus gobio; Bullhead</p> <p>S1355. Lutra lutra; Otter</p>	<p>Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring;</p> <p>The extent and distribution of qualifying natural habitats and habitats of qualifying species</p> <p>The structure and function (including typical species) of qualifying natural habitats</p> <p>The structure and function of the habitats of qualifying species</p> <p>The supporting processes on which qualifying natural habitats and the habitats of qualifying species rely</p> <p>The populations of qualifying species, and,</p> <p>The distribution of qualifying species within the site.</p>	<ul style="list-style-type: none"> <li>• Water Pollution</li> <li>• Drainage</li> <li>• Inappropriate weirs dams and other structures</li> <li>• Invasive species</li> <li>• Siltation</li> <li>• Water abstraction</li> </ul>
Cannock Chase SAC	Distance from Lichfield: 2.4 km	Condition – majority of the site is unfavourable recovering
<p>H4010. Northern Atlantic wet heaths with <i>Erica tetralix</i>; Wet heathland with cross-leaved heath</p> <p>H4030. European dry heaths</p>	<p>Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring;</p> <p>The extent and distribution of qualifying natural habitats</p>	<ul style="list-style-type: none"> <li>• Undergrazing</li> <li>• Drainage</li> <li>• Hydrological changes</li> <li>• Disease</li> <li>• Air Pollution: Impact of atmospheric nitrogen disposition</li> </ul>

Qualifying features – condition of site	Conservation Objectives	Main pressures affecting the site
	The structure and function (including typical species) of qualifying natural habitats, and, The supporting processes on which the qualifying natural habitats rely	<ul style="list-style-type: none"> <li>• Wildfire/arson</li> <li>• Invasive species</li> </ul>
		In addition the site description identifies that the site is subject to high visitor pressure and has in place access management measures to mitigate the negative effects of predicted future increases in recreational usage of the SAC.
Pasturefields Salt Marsh SAC	Distance from Lichfield: 4.2km	Condition: unfavourable no change
H1340. Inland salt meadows; Inland saltmarshes	Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring; The extent and distribution of qualifying natural habitats The structure and function (including typical species) of qualifying natural habitats, and The supporting processes on which qualifying natural habitats rely	
West Midland Mosses SAC	Distance from Lichfield: 4.5km	Condition : Unfavourable recovering
<b>Qualifying Features:</b> H3160. Natural dystrophic lakes and ponds; Acid peat-stained lakes and ponds H7140. Transition mires and quaking bogs; Very wet mires often identified by an unstable `quaking` surface	Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring; The extent and distribution of qualifying natural habitats The structure and function (including typical species) of qualifying natural habitats, and The supporting processes on which qualifying natural habitats rely	<ul style="list-style-type: none"> <li>• Water Pollution</li> <li>• Hydrological Changes</li> <li>• Air Pollution: impact of atmospheric nitrogen deposition</li> <li>• Inappropriate scrub control</li> <li>• Game management pheasant rearing</li> <li>• Forestry and woodland management</li> <li>• Habitat Fragmentation</li> </ul>
Ensor’s Pool SAC	Distance from Lichfield: 17km	Condition -

Qualifying features – condition of site	Conservation Objectives	Main pressures affecting the site
Qualifying Species: White-clawed (or Atlantic stream) crayfish <i>Austropotamobius pallipes</i>	Ensure that the integrity of the site is maintained, and ensure that the site retains its ability to contribute to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining; The extent and distribution of the habitats of qualifying species The structure and function of the habitats of qualifying species, and The supporting processes on which the habitats of qualifying species rely	<ul style="list-style-type: none"> <li>• Changes in species distribution</li> </ul> The site improvement plan currently states that there are no crayfish in the pool.
Fens Pool SAC	Distance from Lichfield: 19.2km	Condition – favourable
Qualifying Features: S1166. <i>Triturus cristatus</i> ; Great crested newt	Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring; The extent and distribution of the habitats of the qualifying species The structure and function of the habitats of the qualifying species The supporting processes on which the habitats of the qualifying species rely The populations of qualifying species, and, The distribution of qualifying species within the site.	<ul style="list-style-type: none"> <li>• Overgrazing</li> <li>• Inappropriate scrub control</li> <li>• Disease</li> <li>• Water Pollution</li> <li>• Habitat Fragmentation</li> </ul>
Mottey Meadows SAC	Distance from Lichfield: 19.2km	Condition -
Qualifying features: H6510. Lowland hay meadows ( <i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i> )	Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring; The extent and distribution of qualifying natural habitats The structure and function (including typical species) of qualifying natural habitats, and The supporting processes on which qualifying natural habitats rely	<ul style="list-style-type: none"> <li>• Water pollution</li> <li>• Hydrological changes</li> <li>• Water abstraction</li> <li>• Change in land management</li> </ul>
Humber Estuary SAC	Distance from Lichfield: Over 20km	Both SAC and SPA Condition: Majority Unfavourable recovering

Qualifying features – condition of site	Conservation Objectives	Main pressures affecting the site
<p>Qualifying Features:  H1110. Sandbanks which are slightly covered by sea water all the time; Subtidal sandbanks  H1130. Estuaries  H1140. Mudflats and sandflats not covered by seawater at low tide; Intertidal mudflats and sandflats  H1150. Coastal lagoons*  H1310. Salicornia and other annuals colonising mud and sand; Glasswort and other annuals colonising mud and sand  H1330. Atlantic salt meadows (<i>Glauco-Puccinellietalia maritimae</i>)  H2110. Embryonic shifting dunes  H2120. Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ("white dunes"); Shifting dunes with marram  H2130. Fixed dunes with herbaceous vegetation ("grey dunes"); Dune grassland*</p>	<p>Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring;  The extent and distribution of qualifying natural habitats and habitats of qualifying species  The structure and function (including typical species) of qualifying natural habitats  The structure and function of the habitats of qualifying species  The supporting processes on which qualifying natural habitats and habitats of qualifying species rely  The populations of qualifying species, and,  The distribution of qualifying species within the site.</p>	<ul style="list-style-type: none"> <li>• Water pollution</li> <li>• Coastal squeeze</li> <li>• Changes in species distribution</li> <li>• Undergrazing</li> <li>• Invasive Species</li> <li>• Natural changes to site condition</li> <li>• Public access/disturbance</li> <li>• Fisheries: fish stocking</li> <li>• Fisheries: Commercial marine and estuarine</li> <li>• Direct land take from development</li> <li>• Air Pollution: impact of atmospheric nitrogen deposition</li> <li>• Shooting/ scaring</li> <li>• Direct impact from third party</li> <li>• Inappropriate scrub control</li> </ul>

Qualifying features – condition of site	Conservation Objectives	Main pressures affecting the site
H2160. Dunes with Hippophae rhamnoides; Dunes with sea-buckthorn S1095. Petromyzon marinus; Sea lamprey S1099. Lampetra fluviatilis; River lamprey S1364. Halichoerus grypus; Grey seal		
Humber Estuary SPA	Distance from Lichfield: over 20km	
	Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the aims of the Wild Birds Directive, by maintaining or restoring; The extent and distribution of the habitats of the qualifying features The structure and function of the habitats of the qualifying features The supporting processes on which the habitats of the qualifying features rely The population of each of the qualifying features, and, The distribution of the qualifying features within the site.	

## 6.0 Relevant Plans and Projects

6.1 The Scoping report for the Local Plan Review has identified a number of plans and programmes which are relevant to the consideration of this screening assessment.

Table 2:

Relevant Plan Project	Potential Effects alone or in combination
Lichfield District Local Plan Strategy 2008-2029 (2015) and emerging Local Plan Allocations Document ( and supporting evidence/documents)	Potential for cumulative impacts from the provision of more visitors from new housing within the currently known Zone of Influence.

	<p>Potential need for additional land for housing to be provided within Lichfield District.</p> <p>Potential for cumulative impacts from development within the River Mease water catchment increasing water pollution, drainage.</p> <p>Potential for positive impacts arising through policy NR3: Biodiversity, Protected Species and their Habitats.</p>
Cannock Chase SAC Strategic Access Management and Monitoring Measures (SAMMM)	Potential cumulative positive impact from management works on the SAC. Potential to have a positive impact upon drainage and air pollution as it includes measures to counteract the impacts arising from increased visitors to the SAC and other impacts arising from new development, so there is no effect at all upon the site.
Cannock Chase Area of Outstanding Natural Beauty Management Plan 2014-19	Potential for cumulative impacts from management works on the AONB. Potential to have a positive impact upon drainage, air pollution
River Mease Nutrient Management Plan	Positive cumulative impact from management works on the River Mease SAC. Potential to have a positive impact upon the drainage, water quality, siltation, invasive species, inappropriate weirs and dams.
River Mease Developer Contributions Scheme (DCS1 and DCS2)	Potential positive cumulative impact from management works on the SAC. Potential to have a positive impact upon water pollution, drainage and siltation as it includes measures to counteract the impacts arising from the impacts arising from new development, so there is no effect at all upon the site.
Staffordshire and Stoke-on-Trent Minerals Local Plan 2015-2030	Potential to impact upon the River Mease SAC due to the proximity of mineral deposits within the Trent Valley, policies contained within the document safeguard the SAC and there is potential for habitat creation within restoration schemes.
The National Forest Strategy	Potential for positive cumulative impacts from development within the River Mease water catchment, potential impacts on water pollution, drainage and siltation,
Central Rivers Initiative – Transforming the Trent Valley	Potential for positive cumulative impacts from development within the River Mease water catchment, potential impacts on water pollution, drainage and siltation.
Stafford Borough Local Plan Parts 1 and 2	The negative cumulative impacts from the provision of housing within the currently known Zone of Influence have been mitigated through the existing Local Plan policies and the delivery of Cannock Chase SAC Strategic Access Management and Monitoring Measures (SAMMM).
Cannock Chase Local Plan Part 1 and 2	The negative cumulative impacts from the provision of housing within the currently known Zone of Influence have been mitigated through the existing Local Plan policies and

	the delivery of Cannock Chase SAC Strategic Access Management and Monitoring Measures (SAMMM).
South Staffordshire Local Plan Part 1 and 2	The negative cumulative impacts from the provision of housing within the currently known Zone of Influence have been mitigated through the existing Local Plan policies and the delivery of Cannock Chase SAC Strategic Access Management and Monitoring Measures (SAMMM).
East Staffordshire Local Plan	The negative cumulative impacts from the provision of housing within the currently known Zone of Influence have been mitigated through the existing Local Plan policies and the delivery of Cannock Chase SAC Strategic Access Management and Monitoring Measures (SAMMM).
South Derbyshire Local Plan	The negative cumulative impacts arising through the Local Plan have been mitigated through the existing Local Plan policies and the delivery of the River Mease Developer Contributions Scheme (DCS1 and DCS2).
North West Leicestershire Local Plan	The negative cumulative impacts arising through the Local Plan have been mitigated through the existing Local Plan policies and the delivery of the River Mease Developer Contributions Scheme (DCS1 and DCS2).
Walsall Council Site Allocations Plan	Potential for negative cumulative impacts from the provision of housing within the currently known Zone of Influence .
Black Country Core Strategy	Potential for negative cumulative impacts from development within the currently known Zone of Influence.
Birmingham Development Plan	Potential need for additional land for housing to be provided within Lichfield District.
Tamworth Local Plan	Potential need for additional land for housing to be provided within Lichfield District.
Stoke-on-Trent & Staffordshire Local Enterprise Partnership Strategic Economic Plan Part 1 – Strategy 2014-2030 (2014)	Potential need for additional land for development to be provided within Lichfield District
Greater Birmingham & Solihull Local Enterprise Partnership Strategic Economic Plan 2016-2030	Potential need for additional land for development to be provided within Lichfield District.
Severn Trent Water PLC Water Resources Plan 2015-40	Potential to impact upon water pollution, siltation, water abstraction, invasive species and drainage.
South Staffordshire Water PLC Water Resources Plan 2015-40	Potential to impact upon hydrological changes.

CAMS: Tame, Anker & Mease Abstraction Licensing Strategy, Environment Agency (2013)	Potential to impact upon water pollution, drainage, siltation, water abstraction.
CAMS: Staffordshire Trent Valley Abstraction Licensing Strategy, Environment Agency (2013)	Potential to impact upon drainage, hydrological changes.
A5 Sustainable Transport Strategy 2016-2026	Potential to impact upon air pollution: impact of atmospheric nitrogen disposition.
Diffuse Water Pollution Plan for Wynbunbury Moss and Abbots Moss	Management plan to enable the water quality objectives to be met and reduce water pollution.
Emerging North Warwickshire Local Plan	Potential for cumulative impacts from increased traffic volumes and subsequent impact on air pollution on the A5 impacting upon the Cannock Extension Canal SAC.
Humber Flood Risk Management Plan 2016	Climate change allowances are likely to increase flood risk and flooding incidents which in turn creates water pollution issues.

6.2 The above list of plans identify the potential for in combination effects either directly or indirectly upon European Sites identified. The following **issues** currently impacting or threatening the condition of the features, hereafter called ***'the issues'*** have been identified:

- Water pollution;
- Drainage;
- Air pollution: impact of atmospheric nitrogen deposition;
- Siltation;
- Water abstraction;
- Invasive species;
- Hydrological changes;
- Inappropriate weirs and dams; and
- Visitors (Cannock Chase SAC).

6.3 These issues have been utilised to assess if there are any significant effects likely upon the European sites identified on the Map in section 4. The findings of the assessment are in section 7.

## 7.0 Screening Assessment

7.1 This section assesses if there are any likely significant effects upon European Sites arising from the Lichfield Local Plan Review: Scope, Issues & Options document. It firstly identifies **the issues** which have the potential to impact or threaten the condition of the features of each European Site. The **issues** have been identified from analysis of the main pressures affecting the SAC listed in the Site Improvement Plans for each of the European Sites in Table 1 in section 5. Table 3 (below) then considers the effect upon these pressures of the proposed Local Plan Review - alone or in combination with other plans listed in Section 6. A tick symbol (✓) identifies the issues which are considered to have a potential to impact upon the SAC and cannot thus be screened out at this stage, a cross (x) indicates that the issue is not applicable and can be screened out and a question mark (?) indicates the impact is uncertain and would need to be considered further and be screened in at this stage. Further consideration of the **issues** and a commentary on the impact of the Local Plan Review upon the **issues** identified is in Table 4 below. Table 4 considers in greater detail through a review of the site improvement plans for each European site if the Lichfield Local Plan Review will have a significant effect upon **the issues** for each European Site.

7.2 Table 3 indicates which of the European sites identified earlier in Section 4 from map 1 and which are the main pressures (**issues**) which affect each site after consideration of the relevant plans. The following factors have emerged which should be considered when assessing the impacts arising from the Local Plan Review with the cumulative impacts arising from the relevant plans:

- Water pollution;
- Drainage;
- Air pollution: impact of atmospheric nitrogen deposition;
- Siltation;
- Water abstraction;
- Invasive species;
- Hydrological changes;
- Inappropriate weirs and dams; and
- Visitors.

Table 3:

	Water Pollution	Drainage	Air Pollution	Siltation	Water Abstraction	Invasive Species	Hydrological Changes	Inappropriate weirs and dams	Visitors
River Mease SAC	✓	✓	?	✓	✓	✓	?	✓	X

<b>Cannock Extension Canal SAC</b>	✓	?	✓	X	?	✓	?	X	X
<b>Cannock Chase SAC</b>	?	✓	✓	X	?	✓	✓	?	✓
<b>Pasturefields Salt Marsh SAC</b>	X	X	X	X	X	X	X	X	X
<b>West Midlands Mosses SAC</b>	?	X	?	X	X	X	?	X	X
<b>Ensor's Pool SAC</b>	?	?	?	?	?	?	?	?	?
<b>Fens Pool SAC</b>		X	X	X	X	X	X	X	X
<b>Mottey Meadows SAC</b>	X	?	?	?	X	?	X	?	?
<b>Humber Estuary SAC/SPA</b>	?	X	X	X	X	?	X	X	X

A grey box indicates the effect is not indicated as an issue in the site improvement plan.

A tick symbol (✓) indicates that the site improvement plan identifies these main pressures effecting the European Sites and is likely to have a requires further consideration.

A question mark (?) indicates that the effect is within the site improvement plan and requires further consideration cannot be screened out at this stage.

A cross (x) indicates that the issue is not applicable and can be screened out.

7.3 Due to the dates when the Site Improvement Plans have been prepared and the more recent Wealdon judgement where there is potential for increases in traffic volumes arising from developments within Lichfield District which could impact upon any of the SAC identified on the Map 1 a question mark has been added to the Air Pollution *issue* to enable further consideration to be given, this is considered in Table 4 below.

7.4 When considering the cumulative impacts upon the European Sites identified, the detailed information within the Site improvement Plans has been considered as they provide more information regarding how these *issues* can influence each site. It is noted that the above analysis has screened out some issues which it would be helpful to explain further and whilst they have not been identified as issues within the above analysis commentary is included within Table 4 below.

7.5 A RAG scoring system has been utilised to help indicate how each SAC could be effected by the Lichfield Local Plan Review. Where the *issue* has been highlighted in green this indicates that the Lichfield Local Plan Review will not have any significant effects on the European site and this can be screened out from further analysis at this stage. Where a factor is amber, this indicates there is potential for a significant effects upon the European site from the Local Plan Review and further information will be necessary to determine if an Appropriate Assessment is necessary when more detailed proposals in the Local Plan Review are known and the sites will need to be included in any further re-screening/Appropriate Assessment. If a factor is indicated as red then this would indicate that significant effects would arise from the Local Plan Review and it may be necessary to incorporate initial mitigation measures and re-screen or undertake an appropriate assessment in view of the conservation objectives.

Table 4:

	Water Pollution	Drainage	Air Pollution	Siltation	Water Abstraction	Invasive Species	Hydrological Changes	Inappropriate weirs and dams	Visitors
<b>River Mease SAC</b>									
Actions	<p>Water Pollution: Reduce levels of nutrients by controlling point and diffuse pollution sources, including flows from foul waste throughout the catchment and unknown ammonia in the head waters.</p> <p>Drainage: Understand and better manage drainage discharges to prevent such wide fluctuations in flow and make it more natural.</p> <p>Air Pollution: This has not been identified as a main pressure within the Site Improvement Plan however the A444 crosses the River Mease and a detailed assessment of the impact of road run-off is identified as an action in the SIP impacting upon water pollution.</p> <p>Siltation: Work with landowners and managers to reduce siltation levels.</p>								

	<b>Water Pollution</b>	<b>Drainage</b>	<b>Air Pollution</b>	<b>Siltation</b>	<b>Water Abstraction</b>	<b>Invasive Species</b>	<b>Hydrological Changes</b>	<b>Inappropriate weirs and dams</b>	<b>Visitors</b>
	<p>Water Abstraction: Improve the understanding of the ecological implications of the current water inputs and abstractions.</p> <p>Invasive Species: Reduce and manage the impact of native species – Himalayan Balsam, Japanese knotweed, American signal crayfish.</p> <p>Hydrological changes: This has not been identified as a main pressure within the Site Improvement Plan however the site is impacted by its water catchment and part of the water catchment lies within Lichfield District.</p> <p>Inappropriate weirs, dams and other structures affect the SAC features and can restrict population size and distribution.</p>								
Assessment	<p>Lichfield District Council is one of the delivery bodies within the site improvement plan and through implementation of the mitigation strategy agreed as part of the Lichfield Local Plan Strategy a Developer Contributions Scheme is in place to prevent harm to the SAC arising from new development which could impact upon water pollution.</p> <p>Air Pollution: This has not been identified as a main pressure within the Site Improvement Plan however the A444 crosses the River Mease and a detailed assessment of the impact of road run-off is identified as an action in the SIP impacting upon water pollution. In light of the Wealdon judgement (see below) air pollution may be an issue and further evidence may be required if growth is proposed in the catchment which would impact upon road traffic on the A444.</p> <p>The site improvement plan looks to landowners in the catchment to reduce siltation entering the river, as the SAC lies partly within Lichfield District there is potential for development/mitigation to reduce run-off and reduce siltation.</p> <p>Water abstraction The site improvement plan identifies abstractions and surplus flows within the SAC some of which arise from sewage treatments works within Lichfield District.</p> <p>The invasive species are within in close proximity to the SAC the Local Plan Review will have no significant effects on the SAC.</p> <p>Part of the water catchment lies within Lichfield District evidence already prepared in the River Restoration plan and referred to in the Drainage section and water abstraction section and considers that the site would benefit from changes to hydrology within the water catchment. Changes to the hydrology are therefore considered as addressed in the water pollution, drainage, siltation and water abstraction and inappropriate weirs, dams and other structures sections.</p>								

	Water Pollution	Drainage	Air Pollution	Siltation	Water Abstraction	Invasive Species	Hydrological Changes	Inappropriate weirs and dams	Visitors
	Part of the SAC lies within the District and inappropriate weirs, dams and other structures may exist within the District. Lichfield District Council is included within the River Restoration Plan as a delivery partner and is working with our partners to deliver the improvements to the SAC. Through the management of the SAC the Local Plan review will have no significant effects upon this issue for the SAC.								
<b>Cannock Extension Canal SAC</b>									
Actions	Need to ensure only clean water is entering the canal. Nitrogen deposition exceeds site relevant critical load. The site could be affected by major roads, industrial estates and farming in the vicinity. Invasive species present in the canal need to be eradicated.								
Assessment	The site lies beyond Lichfield District and flows towards it, water pollution flowing into the canal would not be from land in Lichfield District and as such drainage and hydrological changes can also be screened out. At present the canal does not link to any canal within Lichfield District as such invasive species would not arise from Lichfield District. Major roads passing near the SAC also pass through Lichfield. A site Nitrogen Action Plan does not yet exist to determine the how the impacts arise and if any amelioration is necessary. The levels of traffic generated by the Local Plan Review are currently not yet known, further screening/ assessment may be necessary.								
<b>Cannock Chase SAC</b>									
Actions	Drainage: investigate the water supply to the wetland habitats, especially the impact of artificial, historic drainage structures in the Oldacre Valley. Air Pollution: Nitrogen deposition exceeds site relevant critical load. Invasive Species: Control the spread of certain aggressive species to prevent damage to dry and wet heath communities and raise awareness of the issue. Hydrological changes: Reduction in the mire in the Sher Brook Valley and a move towards a drier wetland vegetation, investigate and to inform restoration options.								
Assessment	The SAC lies beyond Lichfield District and on a different aquifer. The impacts arising from drainage, water pollution, abstraction and weirs and dams are localised and the local plan review would have no effects upon these.								

	Water Pollution	Drainage	Air Pollution	Siltation	Water Abstraction	Invasive Species	Hydrological Changes	Inappropriate weirs and dams	Visitors
	<p>Major roads passing near the SAC also pass through Lichfield. A site Nitrogen Action Plan does not yet exist to determine the how the impacts arise and if any amelioration is necessary. The levels of traffic generated by the Local Plan Review are currently not yet known, further screening/ assessment may be necessary.</p> <p>The site improvement plan looks to existing land owners to control the spread of invasive species, as none of the land is within Lichfield District the Local Plan review will have no significant effects upon this factor.</p> <p>Visitors: Whilst this is not in the action plan it is known through other evidence that visitors have an impact upon the SAC, new development which generates more visits and visitors to the SAC could have a significant effect upon the SAC without suitable mitigation.</p>								
<b>Pasturefields Salt Marsh SAC</b>									
Actions	No issues have been identified on this site in the site improvement plan.								
Assessment	The site is 4.2km from Lichfield District. Due to the distance from the site the Local Plan Strategy and Local Plan Allocations screened out any significant effects upon this SAC. The site improvement plan identifies no issues. The Local Lichfield Local Plan Review will have no significant effects.								
<b>West Midlands Mosses SAC</b>									
Actions	<p>Water Pollution: The site improvement plan identifies that water pollution has impacted upon the SAC. The evidence suggests that activities within the small catchments (agriculture, forest nursery, residential etc. are the sources of excess nutrients.</p> <p>Air Pollution: Nitrogen deposition exceeds site relevant critical loads.</p> <p>Hydrological Changes The SAC is vulnerable to groundwater abstractions and artificial flooding as well as catchment drainage and historic drainage.</p>								
Assessment	<p>A diffuse water pollution plan has been prepared and does not require actions from Lichfield District.</p> <p>A site Nitrogen Action Plan does not yet exist to determine how the impacts arise and any amelioration. There are no major roads passing through the site which also pass through Lichfield District.</p> <p>The site improvement plan indicates on site works are necessary to improve the hydrological changes as such the site is not influenced by changes in land use within Lichfield District.</p>								

	Water Pollution	Drainage	Air Pollution	Siltation	Water Abstraction	Invasive Species	Hydrological Changes	Inappropriate weirs and dams	Visitors
	Due to the above considerations and the distance of the site from Lichfield district the Lichfield Local Plan review will have no significant effects.								
<b>Ensor's Pool SAC</b>									
Actions	The site improvement plan advises that investigations are undertaken to identify the cause of the collapse of the white-clawed crayfish population.								
Assessment	This is a localised problem and due to the distance from the site the Plan and policies within the Lichfield Local Plan Review will have no significant effects.								
<b>Fens Pool SAC</b>									
Actions	The site improvement plan advises that off road vehicles and burnt out vehicles pose a pollution threat.								
Assessment	This is a localised problem and due to the distance from the site the Plan and policies within the Lichfield Local Plan Review will have no significant effects.								
<b>Motley Meadows SAC</b>									
Actions	<p>Water Pollution: The site improvement plan advises that a diffuse water pollution plan is prepared to prevent nutrient enrichment from run off.</p> <p>Water abstraction: Investigate the use of licenced and unlicensed abstractions, specifically trickle irrigation for localised soft fruit growing.</p> <p>Hydrological changes: To develop a clear model of eco-hydrology to allow maintenance of the hydrological status quo as the grassland is sensitive to fluctuations which could occur from flooding and drought changes to climate change.</p>								
Assessment	<p>A diffuse water pollution plan will be prepared and does not require actions from Lichfield District.</p> <p>The site improvement plan indicates the impacts upon the hydrology and water abstraction are local to the site and as such the site is not influenced by changes in land use within Lichfield District.</p> <p>Due to the above considerations and the distance of the site from Lichfield district the Lichfield Local Plan review will have no significant effects.</p>								

	Water Pollution	Drainage	Air Pollution	Siltation	Water Abstraction	Invasive Species	Hydrological Changes	Inappropriate weirs and dams	Visitors
<b>Humber Estuary SAC/SPA</b>									
Action	Water Pollution: Investigate the effects of poor water quality on designated features Invasive Species: Gain an understanding of the presence of invasive species, and how to address the issue								
Assessment	The site improvement plan identifies a number of potential sources of pollution, none of which arise within Lichfield District. A number of the species listed also exist within Lichfield District, namely Japanese Knotweed and Himalayan Balsam however these are a nationwide problem and are being addressed within Lichfield District. Due to the above considerations and the distance of the site from Lichfield district the Local Plan review will have no significant effects.								

7.6 Recent case law has provided a method by which Natural England expect to see in combination air pollution effects assessed. Previous guidance was in the Highways Agency Design for Road and Bridges ([DRMB Manual Volume 11, Section 3 Part 1](#)<sup>1</sup>). This guidance includes an assumption that deposition of nitrogen compounds which may lead to soil/water acidification and eutrophication can occur, however the impact on the European Site is unlikely to be significant beyond 200 metres from the road itself. It advised that where development was likely to increase traffic volumes on a road that a screening assessment was necessary, which considered the impacts up to 200 metres away. To assist in screening especially for smaller scale development the guidance sets out changes which could result in a significant effect upon a European Site from nitrogen deposition and these are when:

- Daily traffic flows will change by 1,000 AADT (Annual Average Daily Traffic) or more; or
- Heavy duty vehicle (HDV) flows will change by 200 AADT or more; or
- Daily average speed will change by 10km/hr or more; or
- Peak hour speed will change by 20km/hr or more; or
- Road alignment will change by 5m or more.

<sup>1</sup> <http://www.standardsforhighways.co.uk/ha/standards/dmrb/vol11/section3/ha20707.pdf>

7.7 The recent case law assists in explaining how cumulative impacts are considered. The judgement<sup>2</sup> requires that where traffic effects of other plans or projects are known or can be reasonably estimated (including those of adopted plans or consented projects) then these should be included in road traffic modelling by the local authority whose plan or project is being assessed. The screening criteria of 1,000 AADT should be applied to the traffic flows of the plans in combination. An increase of 1,000 AADT is a large amount of traffic and is likely only to occur on roads where there are large flows already such as motorways or trunk roads. The impacts of increases in traffic flows on the Cannock Chase SAC were considered during the preparation of the currently adopted Local Plan<sup>3</sup>, in addition the Cannock Extension Canal SAC is sites within 200m of the A5 Trunk Road which serves a wider catchment than Lichfield District. Recent screening of the North Warwickshire Local Plan which is over 15km from the Cannock Extension Canal SAC considered its impacts upon this SAC and due to the strategic nature of the road and the aims identified in the document 'A Strategy for the A5'<sup>4</sup> the traffic flows are forecast to increase upon the A5 and therefore an effect upon the Cannock Extension Canal SAC could not be screened out from further assessment.

7.8 Following an assessment of cumulative, direct, indirect, temporary and permanent impacts the Local Plan Review assesses some sites as having all issues/factors as green which indicates that the Lichfield Local Plan Review will not have any significant effects on the European site and these can be screened out from further analysis at this stage. This indicates that the following sites can be excluded from further assessment:

- Pasturefields Salt Marsh SAC;
- West Midlands Mosses SAC;
- Motte Meadows SAC;
- Fens Pool SAC;
- Ensor's Pool SAC; and
- Humber Estuary SAC/SPA.

7.9 The above sites can be screened out from further assessment as part of the Local Plan Review. This accords with the conclusions from the recent assessments undertaken as part of the Local Plan Strategy which was adopted in 2015 and the emerging Local Plan Allocations (Focused Changes) Document.

7.10 Evidence supporting the Local Plan Strategy and the emerging Local Plan Allocations document shows that proposals within the Plans could have a significant effect upon the River Mease SAC, Cannock Extension Canal SAC and Cannock Chase SAC if no mitigation is delivered, hence the plans contain policies which require mitigation and include delivery mechanisms to ensure this is deliverable. For the River Mease the Local Plan Strategy Policy NR8 requires mitigation to be delivered where development which would have an impact upon water quality is within the water catchment of the River Mease;

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<sup>2</sup> Wealdon v SSCLG [2017] EWHC 351 (Admin)<sup>1</sup>

<sup>3</sup> North Warwickshire Borough Council. Habitat Regulations Assessment Draft Submission Local Plan 2017

<sup>4</sup> A5 Transport Group (2012) A Strategy for the A5, 2011-26: A449 Gailey (Staffordshire) to A45 Weedon (Northamptonshire)

for Cannock Chase SAC the Local Plan Strategy Policy NR7 requires mitigation to be delivered where development is within 15km of the SAC boundary which would result in an increase in visitors to the SAC (i.e a Zone of Influence). No similar policies or proposals exist within the Local Plan Review in this iteration of the plan as the plan extends beyond the periods for the current mitigation which is upto 2029, as such some factors have been assessed as amber. Amber indicates there is potential for a significant effects upon the European site from the Local Plan Review and further information will be necessary to determine if an Appropriate Assessment is necessary when more detailed proposals in the Local Plan Review are known and if there is sufficient information to enable the Council to be duly satisfied that the proposed mitigation measures can be achieved in practice. These European sites will need to be included in any further re-screening/Appropriate Assessment when this is known.

7.11 As the document includes a range of options, these options have been assessed separately. The same criteria for the RAG scoring described above are used. The options show a spatial distribution of future growth and whilst no numbers are attributed to the locations existing evidence for both the River Mease SAC and Cannock Chase SAC indicate that the cumulative impacts arising from individual new dwellings has a significant effect upon both of these SAC without appropriate mitigation. As all the options within this consultation document include an element of growth within the currently known Zone of Influence<sup>5</sup> for the Cannock Chase SAC or water catchment of the River Mease SAC they have been given a scoring of red, indicating that they will have a significant effect upon the SAC. For the Cannock Chase SAC this could either be from air pollution or from the increased visitors to the site. Visitors and use of the site for recreation is not identified in the site improvement plan as one of the 'issues' affecting the site, however the impacts upon the site which arise from visitors is separately noted within the site description and has been identified as an influence within the existing evidence prepared for the Local Plan Strategy and Local Plan Allocations document.<sup>6</sup> The impact upon the River Mease SAC would arise from the dispersed option as this would result in development within the River Mease SAC water catchment and evidence shows that at present harm arises to the SAC from new development where no mitigation exists, at present no mitigation exists beyond the plan period to prevent harm arising to the SAC.

7.12 The 2 employment growth options both include potential expansion or new areas for employment use and in light of no other evidence it is assumed both options will result in an increase in traffic and potentially HGV traffic. The 2 employment growth options are partly within the 15km radius of Cannock Chase SAC and due to the proximity of the A5 to the Cannock Extension Canal and the Mease SAC to the A444 and the use of these A class roads for HGV traffic it has been assumed that traffic from the employment growth options could increase traffic and HGV traffic in proximity to the 3 SAC. Due to the sensitivities of the 3 SAC to air pollution from traffic impacts and in the absence of any other evidence or mitigation it is appropriate they receive a scoring of red or amber. Both options have been given a scoring of red for the potential to impact upon the Cannock Chase SAC and the Cannock Extension Canal SAC, indicating that they will have a significant effect upon the SAC due to the cumulative impacts of the proposals envisaged and a precautionary approach. The potential to have a negative impact upon the River Mease SAC is considered as less certain due to its distance from the proposed

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<sup>5</sup> Zone of Influence is as per Local Plan Strategy adopted Policy NR7 and is an area within a 15km radius of any boundary of the Cannock Chase SAC.

<sup>6</sup> [Cannock Chase SAC Evidence Base](#)

employment options and availability of other HGV routes within Lichfield District, however due to the potential for cumulative impacts and the need to apply the precautionary principle, both employment growth options have been given an amber score.

7.13 The assessments show:

Growth Option	Potential to impact upon Cannock Chase SAC	Potential to impact upon Cannock Extension Canal SAC	Potential to impact upon River Mease SAC
Growth Option 1: Town Focused	Red	Yellow	Green
Growth Option 2: Town and Key Rural Villages Focused Development	Red	Yellow	Green
Growth option 3: Dispersed Development	Red	Yellow	Red
Growth Option 4: New Settlement Development	Red	Yellow	Green
Employment Growth Option 1: Expansion of existing employment locations	Red	Red	Yellow
Employment Growth Option 2: New Locations	Red	Red	Yellow
Alternative Options			

## 8.0 Conclusions and precautionary recommendations

8.1 Following a preliminary screening of the Local Plan Review: Scope, Issues & Options consultation document much of the content is either a general statement of policy, general criteria for testing acceptability of a proposal, or a proposal referred to but not proposed by the plan which would have no effect on a European Site. However as the Local Plan review proposes housing and employment growth within Lichfield District an assessment of the cumulative impacts of such proposals along with the plans identified in section 6 has been undertaken. Consideration has also been given to if there will be any direct or indirect impacts and if there will be any temporary or permanent effects on each European Site. The findings of the assessment show that the Local Plan review will have no significant impacts upon:

- Pasturefields Salt Marsh SAC;
- West Midlands Mosses SAC;
- Ensor’s Pool SAC;

- Fens Pool SAC;
- Motte Meadows SAC; and
- Humber Estuary SAC/SPA.

8.2 The above sites can be screened out from further assessment as part of the Local Plan Review. This accords with the conclusions from the recent assessments undertaken as part of the Local Plan Strategy which was adopted in 2015 and the emerging Local Plan Allocations Document.

8.3 Evidence supporting the Local Plan Strategy and the emerging Local Plan Allocations Document has identified that additional housing and employment growth within Lichfield District and through other Plans could have a significant effect upon the River Mease SAC and Cannock Chase SAC<sup>7</sup>.

8.4 Guidance when considering the impact either alone or cumulatively upon European Sites it is necessary to apply the 'precautionary principle' and this has been established through European case law in Waddenzee<sup>8</sup> which ruled that a 'likely significant effect' is a possible significant effect which undermines the conservation objectives and which cannot be ruled out on the basis of objective information. In addition a recent case in relation to Wealdon District Council<sup>9</sup> considers it is necessary to consider the impacts of cross boundary nitrogen deposition from traffic impacts. This is especially relevant to Lichfield District Council as a number of the European Sites have risk of atmospheric nitrogen deposition identified as a pressure within their site improvement plan.

8.5 Both the Cannock Extension Canal SAC and Cannock Chase SAC are vulnerable to impacts arising from air pollution and are sited close to the primary road network as can be seen from Map 1. Options exist, both residential and employment, within the document which could result in increased traffic volumes on the primary road network roads passing near these sites as such further analysis will be necessary to establish if the cumulative impacts of known plans or projects and others which can be reasonably estimated will have a cumulative impact upon these European Sites. Previous evidence prepared to support the Local Plan Strategy was able to screen out any impacts arising from air pollution on the Cannock Chase SAC associated from development within Lichfield District, it therefore seems reasonable that this evidence is reviewed and further evidence prepared to establish if this position may change when the locations of further development over that already known of in the Local Plan Strategy and Local Plan Allocations document is identified. Should a cumulative or other direct, indirect, temporary or permanent effect be identified then it will be necessary to ascertain if suitable mitigation for any effects is deliverable and re-screen the plan prior to undertaking an Appropriate Assessment. Whilst the River Mease SAC is not identified as vulnerable to the impacts arising from air pollution the A444 does cross it and options exist, both residential and employment, which could result in increased traffic volumes on the primary road network, as such further analysis will be necessary to establish if the cumulative impacts of known plans or

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<sup>7</sup>See footnote 4

<sup>8</sup> ECJ Case C-127/02 'Waddenzee' Jan 2004

<sup>9</sup> See footnote 2

projects and others which can be reasonably estimated will have a cumulative impact upon the River Mease. **As this information does not exist yet effects upon Cannock Chase SAC, Cannock Extension Canal SAC and River Mease SAC arising from air pollution cannot be screened out.**

8.6 As the Plan includes further residential and economic growth and whilst no particular option has been chosen all current options include development within the currently known zone of influence<sup>(5)</sup> which impacts upon the Cannock Chase SAC or the River Mease SAC catchment area. At this stage it is not possible to ascertain if suitable mitigation for any effects is deliverable. Further information will be necessary to determine if an Appropriate Assessment is necessary when more detailed proposals in the Local Plan Review are known and the sites will need to be included in any further re-screening/Appropriate Assessment when this is known. A further re-screening can also reconsider if there are any direct or indirect impacts and any temporary or permanent effects. **As such effects upon Cannock Chase SAC and River Mease SAC sites arising from new development beyond that known in the adopted Local Plan and emerging Local Plan Allocations document cannot be screened out.**

8.7 With regard to the Cannock Extension Canal SAC the emerging Local Plan Allocations document includes a proposal to connect a restored canal to the canal network within 1.5 km of the Cannock Extension Canal. The supporting Habitat Regulations Assessment for the Allocations document includes a policy which requires the proposal when it reaches project stage to 'demonstrate that there will be no adverse effects upon the integrity of the Cannock Extension Canal SAC'. The policy (IP2) identifies the Lichfield Canal as a long term project and should it be included within a Local Plan Review, similar assurances within the policy would be anticipated however as these are not present yet in the consultation document it is appropriate that a precautionary approach is taken to ensure that significant effects do not arise through the Local Plan review and to ensure there will be no adverse effects upon the integrity of the Cannock Extension SAC. At present therefore it is not possible to rule out direct or indirect impacts or temporary or permanent impacts if the proposed canal is included within the Local Plan Review. **As such effects upon the Cannock Extension Canal SAC arising from the construction and re-opening of the Lichfield Canal cannot be screened out.**

8.8 In conclusion, it is not possible to screen out any significant effects arising from the Local Plan review, however it is not possible to ascertain at present that the Local Plan review will have any significant effects upon the following European sites as the Plan at present does not contain any specific policies as all matters are subject to consultation. Whilst the plan in its present iteration only poses a hypothetical risk, there is clearly the potential for significant effects upon the following European Sites and it would be prudent for further evidence to be prepared to inform the locations of development and identify if it is possible to mitigate for the impacts arising from new development identified in previous chapters. It will therefore be necessary for the next iteration of the Local Plan Review to undertake further screening and prepare credible evidence to consider if the Local Plan Review will have any significant effects upon:

- River Mease SAC;
- Cannock Extension Canal SAC; and
- Cannock Chase SAC.



Appendix of policies and assessment from existing HRA evidence to 2029 and then impact 2029-2036. (RAG assessment)

<b>Local Plan Policy Number</b>	<b>Policy Subject</b>	Impact on European sites to 2029	Potential to impact upon European sites 2029-2036 (European site which is impacted: CCSAC/ CECSAC/RMSAC)
<b>Local Plan Strategy Policy Number</b>			
Core Policy 1	The Spatial Strategy		CCSAC/ CECSAC/RMSAC
Core Policy 2	Presumption in Favour of Sustainable Development		
Core Policy 3	Delivering Sustainable Development		
Core Policy 4	Delivering our infrastructure		
Core Policy 5	Sustainable Transport		
Core Policy 6	Housing Delivery		CCSAC/ CECSAC/RMSAC
Core Policy 7	Employment and Economic Development		CCSAC/CECSAC/RMSAC
Core Policy 8	Our Centres		
Core Policy 9	Tourism		CCSAC/ CECSAC
Core Policy 10	Healthy and Safe Lifestyles		
Core Policy 11	Participation on Sport and Physical Activity		
Core Policy 12	Provision of Arts and Culture		
Core Policy 13	Our Natural Resources		CCSAC/ CECSAC/RMSAC
Core Policy 14	Our Built and Historic Environment		

Policy SC1	Sustainability Standards for Development		
Policy SC2	Renewable Energy		
Policy IP1	Supporting & Providing our Infrastructure		
Policy ST1	Sustainable Transport		
Policy ST2	Parking Provision		
Policy H1	A Balanced Housing Market		
Policy H2	Provision of Affordable Homes		
Policy H3	Gypsies, Travellers and Travelling Showpeople		CCSAC/ CECSAC/RMSAC
Policy E1	Retail Assessments		
Policy HSC1	Open Space Assessments		
Policy HSC2	Playing Pitch & Sport Facility Standards		
Policy NR1	Countryside Management		
Policy NR2	Development in the Green Belt		
Policy NR3	Biodiversity, Protected Species and their Habitats		
Policy NR4	Trees, Woodland & Hedgerows		
Policy NR5	Natural and Historic Landscapes		
Policy NR6	Linked Habitat Corridors and multi-functional Greenspaces		
Policy NR7	Cannock Chase Special Area of Conservation		CCSAC
Policy NR8	River Mease Special Area of Conservation		RMSAC
Policy NR9	Water Quality		
Policy BE1	High Quality Development		

Place policies			
<b>Local Plan Allocations</b>			
<b>Policy Number</b>			
Policy IP2	Lichfield Canal		CECSAC
Policy ST3	Road line Safeguarding		
Policy ST4	Road and Junction Improvements - Lichfield		
Policy ST5	Road and Junction Improvements - Fradley		
Policy EMP1	Employment Areas and Allocations		
Policy E2	Service access to our centres		
Policy E3	Shopfronts and Advertisements		
Policy NR10	Cannock Chase Area of Outstanding Natural Beauty		CCSAC
Policy NR11	National Forest		
Policy BE2	Heritage Assets		
Lichfield 3	Lichfield Economy		
Policy LC1	Lichfield City Housing Land Allocations		
Policy LC2	Lichfield City Mixed Use Allocations		
Site L1	Beaconsfield House, Sandford Street		
Site L2	East of Lichfield (Streethay) SDA extension		
Site L3	Land at Greenhough Road		
Site L4	Land at Swan Road, Former Sandford Gate		

Site L5	Land off Limburg Avenue and Sainte Foy Avenue		
Site L6	St Chad's House, Cross Keys		
Site L7	Former Day Nursery, Scotch Orchard		
Site L8	Former St Michaels Playing Fields, Deans Croft		
Site L9	Land off Burton Road (East), Streethay		
Site L10	Land off Burton Road (West), Streethay		
Site L12	Land at St Johns Hospital, Birmingham Road		
Site L13	Lombard Court, Lombard Street		
Site L14	Former Integra Hepworth, Eastern Avenue		
Site L16	Former Windmill Public House, Grange Lane		
Site L17	Land to the rear of The Greyhound Public House, Upper St John Street		
Site L18	Land at Cross Keys (former What! Store), Cross Keys		
Site L19	Angel Croft Hotel, Beacon Street		
Site L20	Land at The Rosaries, Trent Valley Road		
Site L21	Hawthorn House, Hawthorn Close		

Site L22	Former Regal Cinema (former Kwik Save), Tamworth Street		
Site L23	Land off Cherry Orchard		
Site L24	Trent Valley Buffer Depot, Burton Road, Streethay		
Site L25	Land at 41, Cherry Orchard		
Site L26	Friarsgate, Birmingham Road		
Site L27	Former Norgren site, Eastern Avenue		
Site L28	Former Beatrice Court, St John Street		
Site L29	Land at Quonians Lane (former Auction Centre), Cross Keys		
Site L30	Lichfield South Business Park		
Site L31	Land at Davidson Road		
Policy Burntwood 3	Burntwood Economy		
Policy B1	Burntwood Housing Land Allocations		
Policy B2	Burntwood Mixed –use Allocations		
Site B1	99-101, High Street, Chasetown		
Site B2	82-84, Queen Street		
Site B3	Land at Maple Close, Sycamore Road		
Site B4	Land at Mount Road/New Road		
Site B5	Land at rear of Chase Terrace Primary School		
Site B7	Land South of Cannock Road		

Site B8	Cottage of Content Public House, Queen Street		
Site B10	Land off Milestone Way, Chasetown		
Site B11	Former Greyhound Public House, Boney Hay Road		
Site B13	Bridge Cross Garage, Cannock Road		
Site B16	Coney Lodge Farm, Rugeley Road		
Site B18	Land at Baker Street		
Site B19	Chorley Road, Boney Hay Concrete Works		
Site B20	Hill Street, 1-3		
Site B21	High Street, 114		
Policy NT1	North of Tamworth Housing Land Allocations		
Site NT1	Land at Arkall Farm, Ashby Road		
Site NT2	Land north of Brown's Lane, Tamworth		
Policy R1	East of Rugeley Housing Land Allocations		
Site R1	Former Rugeley Power Station		
Policy F1	Fradley Housing Land Allocations		
Site F1	Bridge Farm, Fradley		
Site F2	Land south of Fradley Park (EMP1)		

Policy A1	Alrewas Housing Land Allocations		
Site A1	Former Park Road Printers, Park Road, Alrewas		
Site A2	Land north of Dark Lane, Alrewas		
Site A3	Land at Bagnall Lock, Kings Bromley Road, Alrewas		
Site A4	The New Lodge, Kings Bromley Road, Alrewas		
Site A5	Land east of A513/South of Bagnall Lock, Alrewas		
Site A6 (EMP1)	Land at Main Street, Alrewas		
Policy AH1	Armitage with Handsacre Housing Land Allocations		
Site AH1	Land adjacent to Hayes Meadow School, Armitage with Handsacre		
Policy FZ1	Fazeley, Mile Oak and Bonehill Housing Land Allocations		
Site FZ2	Tolsons Mill, Lichfield Street, Fazeley		
Site FZ3	Land at 15, The Green, Bonehill		
Policy GT1	Gypsy and Traveller Site Allocations		
GT1	Land at Bonehill Road, Mile Oak		
Policy S1	Shenstone Housing Land Allocations		

Site S1	Land at Lynn Lane, Shenstone		
Policy W1	Whittington Housing Land Allocations		
Site W2	Former Whittington Youth Centre, Main Street, Whittington		
Site W3	Land at Chapel Lane and Blacksmith Lane, Whittington		
Policy OR1	Other Rural Housing Land Allocations		
H1	Fish Pits Farm, Harlaston		
Site HR1	Land at Uttoxeter Road, Hill Ridware		
Site HR2	Land at School Lane, Hill Ridware		
Site OR1	Packington Hall, Tamworth Road		
Site OR2	Lamb Farm , London Road, Canwell		
Site OR3	Footherley Hall, Footherley Lane		
Site OR4	Derry Farm, Birmingham Road		
Site OR5	Station Works, Colton Road		
Site OR6	Land east of A38 (EMP1)		
Site OR7	Watery Lane, Curborough, Lichfield		
OR8	Levett Road, Lichfield		