

High Speed Rail (West Midlands - Crewe)

Supplementary Environmental Statement 2 and
Additional Provision 2 Environmental Statement

Volume 5: Technical appendices

Register of local level ecological effects
(EC-016-000)

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Department for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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A report prepared for High Speed Two (HS2) Limited:

ARUP



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1 Introduction

- 1.1.1 This document is an appendix which forms part of Volume 5 of the Supplementary Environmental Statement 2 (SES2) and Additional Provision 2 Environmental Statement (AP2 ES).
- 1.1.2 This appendix presents a summary of local/parish level effects, new or different from those reported in the High Speed Two (HS2) Phase 2a (West Midlands - Crewe) Environmental Statement (ES)¹ published in July 2017 (the main ES) and the Supplementary Environmental Statement (SES1) and Additional Provision Environmental Statement (AP1 ES)² published in March 2018.
- 1.1.3 This document should be read in conjunction with the SES2 and AP2 ES Volume 2, Community area reports, and Volume 3, Route-wide effects, and the Background Information and Data (BID) document that accompanies the SES2 and AP2 ES (see BID EC-019-000³).
- 1.1.4 This appendix covers the following community areas (CA):
- CA1: Fradley to Colton;
 - CA2: Colwich to Yarlet;
 - CA3: Stone and Swynnerton;
 - CA4: Whitmore Heath to Madeley; and
 - CA5: South Cheshire.
- 1.1.5 Supplementary environmental information considered within this appendix includes Phase 1 habitat survey baseline data that was not reported in the main ES or SES1 and AP1 ES. Table 1 presents a summary of new or different local/parish level effects from those reported in the main ES as amended by AP1 ES that have been assessed in each of the community areas. These relate only to the AP2 revised scheme as there are no new local/parish adverse effects arising from the SES2 changes.
- 1.1.6 In order to differentiate between the original scheme and the subsequent changes, the following terms are used:
- ‘the original scheme’ – the Bill scheme submitted to Parliament in July 2017, which was assessed in the main ES;
 - ‘the SES1 scheme’ – the original scheme with the changes described in the SES1 submitted in March 2018;
 - ‘the AP1 revised scheme’ – the SES1 scheme as amended by the AP1 submitted in March 2018;

¹ HS2 Ltd (2017), *High Speed Two (HS2) Phase 2a (West Midlands - Crewe), Environmental Statement*, <https://www.gov.uk/government/collections/hs2-phase-2a-environmental-statement>

² HS2 Ltd (2018), *High Speed Two (HS2) Phase 2a (West Midlands - Crewe), Supplementary Environmental Statement and Additional Provision Environmental Statement*, <https://www.gov.uk/government/collections/hs2-phase-2a-supplementary-environmental-statement-and-additional-provision-environmental-statement>

³ HS2 Ltd (2019), *High Speed Two (HS2) Phase 2a (West Midlands - Crewe), Background Information and Data to accompany Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement*, <https://www.gov.uk/government/organisations/high-speed-two/limited>

- 'the SES2 scheme' – the SES1 scheme with the changes described in the SES2;
and
- 'the AP2 revised scheme' – the SES2 scheme as amended by the AP2.

1.1.7

In this report the scheme is referred to as the AP2 revised scheme, which is the SES2 scheme (i.e. SES1 scheme, submitted to Parliament in March 2018, with the changes described in the SES2) as amended by the AP2 amendments.

2 Summary table

Table 1: Summary of additional local/parish level adverse effects arising from the construction/operation of the AP2 revised scheme

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA1 Fradley to Colton	Additional land and a change to Bill powers required to make alterations to the Handsacre Junction connection into the West Coast Main Line (AP2-001-001)	Habitat: Woodland	Lowland mixed deciduous woodland at Harvey's Rough.	Construction	The Phase One SES and AP2 ES reported the permanent loss of approximately 22.9ha of woodland within the Whittington to Handsacre area, including loss of woodland from Harvey's Rough, which is of local/parish value. The amendment will result in the permanent loss of an additional 0.2ha of lowland mixed deciduous woodland at Harvey's Rough, This represents a different adverse effect on Harvey's Rough that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers required to make alterations to the Handsacre Junction connection into the West Coast Main Line (AP2-001-001)	Habitat: Watercourse	Unnamed stream flowing through Tuppenhurst Lane (west of) LWS.	Construction	Disturbance/damage to approximately 270m of small narrow unnamed watercourse, flowing through Tuppenhurst Lane (west of) LWS. This represents a new adverse effect on the unnamed watercourse that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers required to make alterations to the Handsacre	Species: Bats	Assemblage of bats associated with urban and arable habitats south-east of Handsacre between Lichfield Road and	Construction	The Phase One SES and AP2 ES reported the permanent loss and severance of habitats used the assemblage of bats associated with urban and arable habitats south-east of Handsacre between Lichfield Road and Tuppenhurst Lane, which is of local/parish value. The amendment will result in the permanent	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	Junction connection into the West Coast Main Line (AP2-001-001)		Tuppenhurst Lane.		loss and severance of hedgerows, including mature trees, and arable land to the south-east of Handsacre. The assumed loss of additional roosts and foraging and commuting habitats used by this bat assemblage represents a different adverse effect on this bat assemblage that is significant at a local/parish level.	
CA1 Fradley to Colton	Additional land and a change to Bill powers required to make alterations to the Handsacre Junction connection into the West Coast Main Line (AP2-001-001)	Species: Badger	At least eight social groups of badger at undisclosed locations throughout the Whittington to Handsacre Area.	Construction	The Phase One SES and AP2 ES reported the permanent loss of habitats for badger in the Whittington to Handsacre area. Disturbance of badgers within setts and/or loss of foraging habitat within the land required for the amendment will affect the distribution of badger territories in the Whittington to Handsacre area. This represents a different adverse effect on badger populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers required to make alterations to the Handsacre Junction connection into the West Coast Main Line (AP2-001-001)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Fradley to Colton area. The Phase One SES and AP2 ES reported the loss of similar habitats in the Whittington to Handsacre area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland, hedgerow, grassland and arable land will affect polecat population status within the Whittington to Handsacre area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers required to make	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Fradley to Colton area. The Phase One SES and AP2 ES reported the loss of similar habitats in the Whittington to Handsacre area.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	alterations to the Handsacre Junction connection into the West Coast Main Line (AP2-001-001)		required for amendment.		Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of grassland and arable land will affect the harvest mouse population status in the Whittington to Handsacre area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	
CA1 Fradley to Colton	Additional land and a change to Bill powers required to make alterations to the Handsacre Junction connection into the West Coast Main Line (AP2-001-001)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Fradley to Colton area. The Phase One SES and AP2 ES reported the loss of similar habitats in the Whittington to Handsacre area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland, hedgerow, grassland and arable land will affect the population status of European hedgehog in the Whittington to Handsacre area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers required to make alterations to the Handsacre Junction connection into the West Coast Main Line (AP2-001-001)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Fradley to Colton area. The Phase One SES and AP2 ES reported the loss of similar habitats in the Whittington to Handsacre area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of open arable and grassland habitat will affect the brown hare population status in the Whittington to Handsacre area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers	Species: Common amphibians,	Populations of amphibian species including palmate	Construction	The Phase One SES and AP2 ES reported the permanent loss of habitats for common amphibian species in the Whittington to Handsacre area.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	required to make alterations to the Handsacre Junction connection into the West Coast Main Line (AP2-001-001)	including palmate newt, smooth newt, common toad and common frog	newt, smooth newt, common toad and common frog, throughout the Whittington to Handsacre area.		Habitats potentially used by common amphibian species are in the land required for the amendment. Loss of small areas of woodland, hedgerow, pond/ditch and grassland habitat will affect the population status of amphibians in the Whittington to Handsacre area. This represents a different adverse effect on amphibian populations that is significant at local/parish level.	
CA1 Fradley to Colton	Additional land and a change to Bill powers required to make alterations to the Handsacre Junction connection into the West Coast Main Line (AP2-001-001)	Species: Common reptile species, such as grass snake and slow worm	Populations of common reptile species such as grass snake and slow worm potentially present in low numbers throughout the Whittington to Handsacre area.	Construction	The main ES reported the permanent loss of habitats for common reptiles in the Fradley to Colton area. The Phase One SES and AP2 ES reported the loss of similar habitats in the Whittington to Handsacre area. Habitats potentially used by common reptiles are in the land required for the amendment. Loss of small areas of woodland, hedgerow, pond/ditch and grassland habitat will affect the reptile population status in the Whittington to Handsacre area. This represents a different adverse effect on reptile populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers required to make alterations to the Handsacre Junction connection into the West Coast Main Line (AP2-001-001)	Species: Wintering birds	Assemblage of wintering birds within arable fields to the south of Handsacre.	Construction	The Phase One SES and AP2 ES reported the permanent loss of habitats for wintering bird species in the Whittington to Handsacre area. Habitats potentially used by wintering bird species are in the land required for amendment. Loss of small areas of woodland, hedgerow, pond/ditch, arable land and grassland habitat will affect the population status of wintering birds in the Whittington to Handsacre area. This represents a different adverse effect on the assemblage of wintering birds within arable fields to the south of Handsacre that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA1 Fradley to Colton	Additional land and a change to Bill powers for the realignment of HS2 maintenance access under Pyford Brook viaduct (AP2-001-004)	Habitat: Woodland	Lowland mixed deciduous woodland at Cranberry Wood.	Construction	The main ES reported the loss of 0.4ha (25%) of lowland mixed deciduous woodland at Cranberry Wood. The amendment will result in the permanent loss of an additional 0.1ha of lowland mixed deciduous woodland at Cranberry Wood. This represents a different adverse effect on Cranberry Wood that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers for the realignment of HS2 maintenance access under Pyford Brook viaduct (AP2-001-004)	Species: Badger	At least 10 social groups of badger at undisclosed locations throughout the Fradley to Colton area.	Construction	The main ES reported the permanent loss of habitats for badger in the Fradley to Colton area. Disturbance of badgers within setts and/or loss of foraging habitat within the land required for the amendment will affect the distribution of badger territories in the Fradley to Colton area. This represents a different adverse effect on badger populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers for the realignment of HS2 maintenance access under Pyford Brook viaduct (AP2-001-004)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat throughout the Fradley to Colton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland will affect polecat population status in the Fradley to Colton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA1 Fradley to Colton	Additional land and a change to Bill powers for the realignment of HS2 maintenance access under Pyford Brook viaduct (AP2-001-004)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Fradley to Colton area. Habitats potentially used by European hedgehog are in the land required for amendment. Loss of small areas of woodland will affect the population status of European hedgehog in the Fradley to Colton area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers for the realignment of HS2 maintenance access under Pyford Brook viaduct (AP2-001-004)	Species: Common amphibians, including palmate newt, smooth newt, common toad and common frog	Populations of amphibian species including palmate newt, smooth newt, common toad and common frog throughout the Fradley to Colton area.	Construction	The main ES reported the permanent loss of habitats for common amphibian species in the Fradley to Colton area. Habitats potentially used by common amphibian species are in the land required for the amendment. Loss of small areas of woodland will affect the population status of amphibians in the Fradley to Colton area. This represents a different adverse effect on amphibian populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers for the realignment of HS2 maintenance access under Pyford Brook viaduct (AP2-001-004)	Species: Common reptile species, such as grass snake and slow worm	Populations of common reptile species, such as grass snake, potentially present in low numbers throughout the Fradley to Colton area.	Construction	The main ES reported the permanent loss of habitats for reptiles in the Fradley to Colton area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of woodland in close proximity to ponds will affect the grass snake population status in the Fradley to Colton area. This represents a different adverse effect on reptile populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA1 Fradley to Colton	Additional land and a change to Bill powers for the realignment of HS2 maintenance access under Pyford Brook viaduct (AP2-001-004)	Habitat: Woodland	Lowland mixed deciduous woodland at Cranberry Wood.	Construction	The main ES reported the loss of 0.4ha (25%) of lowland mixed deciduous woodland at Cranberry Wood. The amendment will result in the permanent loss of an additional 0.1ha of lowland mixed deciduous woodland at Cranberry Wood. This represents a different adverse effect on Cranberry Wood that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change to Bill powers for the realignment of HS2 maintenance access under Pyford Brook viaduct (AP2-001-004)	Species: Badger	At least 10 social groups of badger at undisclosed locations throughout the Fradley to Colton area.	Construction	The main ES reported the permanent loss of habitats for badger in the Fradley to Colton area. Disturbance of badgers within setts and/or loss of foraging habitat within the land required for the amendment will affect the distribution of badger territories in the Fradley to Colton area. This represents a different adverse effect on badger populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land for new pipework from the Kings Bromley South borrow pit for groundwater recharge to Pyford Brook, Trent and Mersey Canal and Bourne Brook (AP2-001-003)	Species: Badger	At least 10 social groups of badger at undisclosed locations throughout the Fradley to Colton area.	Construction	The main ES reported the loss of habitats for badger throughout the Fradley to Colton area. Disturbance of badgers within setts and/or loss of foraging habitat within the land required for the amendment will affect the distribution of badger territories in the Fradley to Colton area. This represents a different adverse effect on badger populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA1 Fradley to Colton	Additional land for new pipework from the Kings Bromley South borrow pit for groundwater recharge to Pyford Brook, Trent and Mersey Canal and Bourne Brook (AP2-001-003)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Fradley to Colton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland and arable land will affect the polecat population status in the Fradley to Colton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land for new pipework from the Kings Bromley South borrow pit for groundwater recharge to Pyford Brook, Trent and Mersey Canal and Bourne Brook (AP2-001-003)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Fradley to Colton area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of arable land will affect the harvest mouse population status in the area of the Fradley to Colton area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land for new pipework from the Kings Bromley South borrow pit for groundwater recharge to Pyford Brook,	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Fradley to Colton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland and arable land will affect the population status of European hedgehog in the Fradley to Colton area. This represents a different adverse effect on hedgehog populations that is	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	Trent and Mersey Canal and Bourne Brook (AP2-001-003)				significant at local/parish level.	
CA1 Fradley to Colton	Additional land for new pipework from the Kings Bromley South borrow pit for groundwater recharge to Pyford Brook, Trent and Mersey Canal and Bourne Brook (AP2-001-003)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Fradley to Colton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of open arable land will affect the brown hare population status in the Fradley to Colton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land for new pipework from the Kings Bromley South borrow pit for groundwater recharge to Pyford Brook, Trent and Mersey Canal and Bourne Brook (AP2-001-003)	Species: Common amphibians, including palmate newt, smooth newt, common toad and common frog	Populations of common reptile species such as grass snake, common lizard and slow worm potentially present in low numbers throughout the Fradley to Colton area.	Construction	The main ES reported the permanent loss of habitats for amphibians in the Fradley to Colton area. Terrestrial habitats potentially used by amphibians along the Trent and Mersey canal are in the land required for the amendment. Loss of small areas of these habitats will affect the amphibian population status in the Fradley to Colton area. This represents a different adverse effect on amphibian populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land for new pipework from the Kings Bromley South	Species: Common reptile species, such as grass snake and	Populations of amphibian species including palmate newt, smooth newt,	Construction	The main ES reported the permanent loss of habitats for reptiles in the Fradley to Colton area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of terrestrial	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	borrow pit for groundwater recharge to Pyford Brook, Trent and Mersey Canal and Bourne Brook (AP2-001-003)	slow worm	common toad and common frog, throughout the Fradley to Colton area.		habitat along the Trent and Mersey canal will affect the reptile population status in the Fradley to Colton area. This represents a different adverse effect on reptile populations that is significant at local/parish level.	
CA1 Fradley to Colton	Additional land required for modifications to A515 Lichfield Road and Wood End Lane junction and widening of Wood End Lane (AP2-001-002)	Species: Badger	At least eight social groups of badger at undisclosed locations throughout the Whittington to Handsacre area.	Construction	The Phase One SES and AP2 ES reported the permanent loss of habitats for badger in the Whittington to Handsacre area. Disturbance of badgers within setts and/or loss of foraging habitat within the land required for the amendment will affect the distribution of badger territories in the Whittington to Handsacre area. This represents a different adverse effect on badger populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for modifications to A515 Lichfield Road and Wood End Lane junction and widening of Wood End Lane (AP2-001-002)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Fradley to Colton area. The Phase One SES and AP2 ES reported the loss of similar habitats in the Whittington to Handsacre area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of hedgerow will affect the population status of European hedgehog in the Whittington to Handsacre area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for modifications to	Species: Common amphibians,	Populations of amphibian species including palmate	Construction	The Phase One SES and AP2 ES reported the permanent loss of habitats for amphibians in the Whittington to Handsacre area. Terrestrial habitats	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	A515 Lichfield Road and Wood End Lane junction and widening of Wood End Lane (AP2-001-002)	including palmate newt, smooth newt, common toad and common frog	newt, smooth newt, common toad and common frog, throughout the Whittington to Handsacre area.		potentially used by amphibians are in the land required for the amendment. Loss of hedgerow habitats will affect the amphibian population status in the Whittington to Handsacre area. This represents a different adverse effect on amphibian populations that is significant at local/parish level.	
CA1 Fradley to Colton	Additional land required for modifications to A515 Lichfield Road and Wood End Lane junction and widening of Wood End Lane (AP2-001-002)	Species: Common reptile species, such as grass snake and slow worm	Populations of common reptile species such as grass snake, common lizard and slow worm potentially present in low numbers throughout the Whittington to Handsacre area.	Construction	The main ES reported the permanent loss of habitats for common reptiles in the Fradley to Colton area. The Phase One SES and AP2 ES reported the loss of similar habitats in the Whittington to Handsacre area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of hedgerow will affect the reptile population status in the Whittington to Handsacre area. This represents a different adverse effect on reptile populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for modifications to A515 Lichfield Road and Wood End Lane junction and widening of Wood End Lane (AP2-001-002)	Species: Breeding birds	Assemblages of breeding birds within Ravenshaw Wood, Black Slough and Black Slough Farm, to the west of Fradley.	Construction	The Phase One SES and AP2 ES reported the permanent loss of habitats for assemblages of breeding birds within Ravenshaw Wood, Black Slough and Black Slough Farm, to the west of Fradley. Habitats used by breeding birds are in the land required for the amendment. Loss of hedgerows will affect the status of assemblages of breeding birds in the Whittington to Handsacre area. This represents a different adverse effect on breeding bird assemblages that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for the amendment to a National Grid Electricity	Species: Badger	At least 10 social groups of badger at undisclosed locations throughout the Fradley	Construction	The main ES reported the permanent loss of habitats for badger in the Fradley to Colton area. Disturbance of badgers within setts and/or loss of foraging habitat within the land required for the amendment will affect the distribution of badger territories in the Fradley to	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	Transmission 400kV overhead power line and a utility compound, near Kings Bromley viaduct (AP2-001-007)		to Colton area.		Colton area. This represents a different adverse effect on badger populations that is significant at local/parish level.	
CA1 Fradley to Colton	Additional land required for the amendment to a National Grid Electricity Transmission 400kV overhead power line and a utility compound, near Kings Bromley viaduct (AP2-001-007)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Fradley to Colton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of arable farmland and hedgerow will affect the polecat population status in the Fradley to Colton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for the amendment to a National Grid Electricity Transmission 400kV overhead power line and a utility compound, near Kings Bromley viaduct (AP2-001-007)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Fradley to Colton area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of arable land will affect the harvest mouse population status in the Fradley to Colton area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA1 Fradley to Colton	Additional land required for the amendment to a National Grid Electricity Transmission 400kV overhead power line and a utility compound, near Kings Bromley viaduct (AP2-001-007)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Fradley to Colton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of arable land and hedgerow will affect the population status of European hedgehog in the Fradley to Colton area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for the amendment to a National Grid Electricity Transmission 400kV overhead power line and a utility compound, near Kings Bromley viaduct (AP2-001-007)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Fradley to Colton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of open arable land will affect the brown hare population status in the Fradley to Colton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for new pipework from the Kings Bromley North (Shaw Lane) borrow pit for groundwater	Species: Badger	At least 10 social groups of badger at undisclosed locations throughout the Fradley to Colton area.	Construction	The main ES reported the permanent loss of habitats for badger in the Fradley to Colton area. Disturbance of badgers within setts and/or loss of foraging habitat within the land required for the amendment will affect the distribution of badger territories in the Fradley to Colton area. This represents a different adverse effect on badger populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	recharge to Bourne Brook and the Trent and Mersey Canal (AP2-001-008)					
CA1 Fradley to Colton	Additional land required for new pipework from the Kings Bromley North (Shaw Lane) borrow pit for groundwater recharge to Bourne Brook and the Trent and Mersey Canal (AP2-001-008)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Fradley to Colton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland and arable land will affect the polecat population status in the Fradley to Colton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for new pipework from the Kings Bromley North (Shaw Lane) borrow pit for groundwater recharge to Bourne Brook and the Trent and Mersey Canal (AP2-001-008)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Fradley to Colton area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of arable land will affect the harvest mouse population status in the area of the Fradley to Colton area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA1 Fradley to Colton	Additional land required for new pipework from the Kings Bromley North (Shaw Lane) borrow pit for groundwater recharge to Bourne Brook and the Trent and Mersey Canal (AP2-001-008)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Fradley to Colton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland and arable land will affect the population status of European hedgehog in the Fradley to Colton area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for new pipework from the Kings Bromley North (Shaw Lane) borrow pit for groundwater recharge to Bourne Brook and the Trent and Mersey Canal (AP2-001-008)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Fradley to Colton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of open arable land will affect the brown hare population status in the Fradley to Colton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to	Habitat: Woodland	Lowland mixed deciduous woodland to the east of Bromley Hurst, along Ash Brook to the south-east of Hurst Farm.	Construction	The amendment will result in the permanent loss of 0.6ha of lowland mixed deciduous woodland to the east of Bromley Hurst. This represents a new adverse effect on this woodland that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	National Grid Parkgate substation (AP2-001-015)					
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to National Grid Parkgate substation (AP2-001-015)	Habitat: Woodland	Lowland mixed deciduous woodland to the south of Newlands Lane, south of Newlands.	Construction	The amendment will result in the permanent loss of 0.3ha of Lowland Mixed Deciduous Woodland to the south of Newlands Lane, south of Newlands. This represents a new adverse effect on this woodland that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to National Grid Parkgate substation (AP2-001-015)	Habitat: Woodland	Three small areas of lowland mixed deciduous woodland east of Bromley Hurst, between Hart's Farm (south of) LWS and Ashbrook Farm.	Construction	The amendment will result in the permanent loss of three small areas of Lowland mixed deciduous woodland east of Bromley Hurst, between Hart's Farm (south of) LWS and Ashbrook Farm, each covering an area of less than 0.3ha. This represents a new adverse effect on each of these woodlands that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to National Grid Parkgate substation (AP2-001-015)	Habitat: Woodland	A narrow tract of lowland mixed deciduous woodland, to the west of Titler's plantation, south-east of Parkgate.	Construction	The amendment will result in the permanent loss of a narrow tract of Lowland mixed deciduous woodland, covering an area of 0.4ha, to the west of Titler's plantation, south-east of Parkgate. This represents a new adverse effect on this woodland that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to National Grid Parkgate substation (AP2-001-015)	Species: Badger	At least 10 social groups of badger at undisclosed locations throughout the Fradley to Colton area.	Construction	The main ES reported the permanent loss of habitats for badger in the Fradley to Colton area. Disturbance of badgers within setts and/or loss of foraging habitat within the land required for the amendment will affect the distribution of badger territories in the Fradley to Colton area. This represents a different adverse effect on badger populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to National Grid Parkgate substation (AP2-001-015)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Fradley to Colton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland, hedgerow, floodplain grazing marsh, grassland and arable land will affect the polecat population status in the Fradley to Colton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to National Grid Parkgate substation (AP2-001-015)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Fradley to Colton area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of grassland and arable land will affect the harvest mouse population status in the Fradley to Colton area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to National Grid Parkgate substation (AP2-001-015)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Fradley to Colton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of woodland, hedgerow, grassland and arable land will affect the population status of European hedgehog in the Fradley to Colton area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to National Grid Parkgate substation (AP2-001-015)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Fradley to Colton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of grassland and arable land will affect the brown hare population status in the Fradley to Colton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to National Grid Parkgate substation (AP2-001-015)	Species: Common amphibians, including palmate newt, smooth newt, common toad and common frog	Populations of amphibian species including palmate newt, smooth newt, common toad and common frog, throughout the Fradley to Colton area.	Construction	The main ES reported the permanent loss of habitats for amphibians in the Fradley to Colton area. Habitats potentially used by amphibians are in the land required for the amendment. Loss of ponds and surrounding terrestrial habitats will affect the common amphibian population status in the Fradley to Colton area. This represents a different adverse effect on amphibian populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to National Grid Parkgate substation (AP2-001-015)	Species: Common reptile species, such as grass snake and slow worm	Populations of common reptile species such as grass snake and slow worm, potentially present in low numbers throughout the Fradley to Colton area.	Construction	The main ES reported the permanent loss of habitats for reptiles in the Fradley to Colton area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of woodland, hedgerow, floodplain grazing marsh, grassland and ponds/ditches will affect the reptile population status in the Fradley to Colton area. This represents a different adverse effect on reptile populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land and a change in Bill powers required for a grid supply point connection to National Grid Parkgate substation (AP2-001-015)	Species: Breeding birds	Assemblages of breeding birds using suitable habitats within land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for assemblages of breeding birds that are of local/parish value. Habitats used by breeding birds are in the land required for the amendment. Loss of small areas of woodland, hedgerows, grassland and arable land will affect the status of breeding bird assemblages in the Fradley to Colton area. This represents a different adverse effect on breeding bird assemblages that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA1 Fradley to Colton	Additional land required for the provision of a replacement facility for Mayfield Children's Home (AP2-002-001)	Species: Badger	At least 10 social groups of badger at undisclosed locations throughout the Fradley to Colton area.	Construction	The main ES reported the permanent loss of habitats for badger in the Fradley to Colton area. Disturbance of badgers within setts and/or loss of foraging habitat within the land required for the amendment will affect the distribution of badger territories in the Fradley to Colton area. This represents a different adverse effect on badger populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for the provision of a replacement facility for Mayfield Children's Home (AP2-002-001)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Fradley to Colton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the polecat population status in the Fradley to Colton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for the provision of a replacement facility for Mayfield Children's Home (AP2-002-001)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Fradley to Colton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the population status of European hedgehog in the Fradley to Colton area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes
CA1 Fradley to Colton	Additional land required for the provision of a replacement facility for Mayfield	Species: Common reptile species, such as grass snake and slow worm	Populations of common reptile species such as common lizard, slow worm and grass snake, identified as being	Construction	The main ES reported the permanent loss of habitats for reptiles in the Fradley to Colton area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of grassland and scrub will affect the reptile population status in the Fradley to Colton area. This represents a different	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	Children's Home (AP2-002-001)		potentially present in low numbers throughout the Fradley to Colton area.		adverse effect on reptile populations that is significant at local/parish level.	
CA2 Colwich to Yarlet	Additional land and a change to Bill powers required for the removal of Moreton retaining wall and to realign the access track to Moreton House and Moreton House Farm (AP-002-002)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Colwich to Yarlet area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the population status of European hedgehog in the Colwich to Yarlet area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land required for the diversion of a National Grid gas pipeline and a new utility compound, west of Colwich Bridleway 35 accommodation overbridge (AP2-002-004)	Species: Badger	. At least five social groups of badger at undisclosed locations throughout the Colwich to Yarlet area.	Construction	The main ES reported the permanent loss of habitats for badger in the Colwich to Yarlet area. The territories of these social groups are in the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Colwich to Yarlet area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land required for the diversion of a	Species: Polecat	Potential polecat populations using suitable habitats	Construction	The main ES reported the permanent loss of habitats for polecat in the Colwich to Yarlet area. Habitats potentially used by polecat are in the land required for	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	National Grid gas pipeline and a new utility compound, west of Colwich Bridleway 35 accommodation overbridge (AP2-002-004)		present within the land required for the amendment.		the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the polecat population status in the Colwich to Yarlet area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	
CA2 Colwich to Yarlet	Additional land required for the diversion of a National Grid gas pipeline and a new utility compound, west of Colwich Bridleway 35 accommodation overbridge (AP2-002-004)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Colwich to Yarlet area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of rough grassland will affect the harvest mouse population status in the Colwich to Yarlet area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA2 Colwich to Yarlet	Additional land required for the diversion of a National Grid gas pipeline and a new utility compound, west of Colwich Bridleway 35 accommodation overbridge (AP2-002-004)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Colwich to Yarlet area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the population status of European hedgehog in the Colwich to Yarlet area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land required for the diversion of a National Grid gas pipeline and a new utility compound, west of Colwich Bridleway 35 accommodation overbridge (AP2-002-004)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Colwich to Yarlet area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of grassland and arable land will affect the brown hare population status in the Colwich to Yarlet area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land required for the diversion of a National Grid gas pipeline and a new utility compound, west of Colwich	Species: Common amphibians	Populations of amphibian species including palmate newt, smooth newt, common toad and common frog, identified throughout the Colwich to Yarlet	Construction	The main ES reported the permanent loss of habitats for amphibians in the Colwich to Yarlet area. Habitats potentially used by amphibians are in the land required for the amendment. Loss of ponds and surrounding terrestrial habitats will affect the common amphibian population status in the Colwich to Yarlet area. This represents a different adverse effect on amphibian populations that is significant at	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	Bridleway 35 accommodation overbridge (AP2-002-004)		area.		local/ parish level.	
CA2 Colwich to Yarlet	Additional land required for the diversion of a National Grid gas pipeline and a new utility compound, west of Colwich Bridleway 35 accommodation overbridge (AP2-002-004)	Species: Common reptiles	Populations of common reptile species such as common lizard, slow-worm and grass snake, potentially present in low numbers in the Colwich to Yarlet area.	Construction	The main ES reported the permanent loss of habitats for reptiles in the Colwich to Yarlet area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of grassland and scrub will affect the reptile (grass snake and slow worm) population status in the Colwich to Yarlet area. This represents a different adverse effect on reptile populations that is significant at local /parish level.	Yes
CA2 Colwich to Yarlet	Additional land and a change to Bill powers required for the diversion of a National Grid gas pipeline and a new utility compound, north-west of Great Haywood Marina (AP2-002-009)	Species: Badger	At least five social groups of badger at undisclosed locations throughout the Colwich to Yarlet area.	Construction	The main ES reported the permanent loss of habitats for badger in the Colwich to Yarlet area. The territories of these social groups are in the area of the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Colwich to Yarlet area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA2 Colwich to Yarlet	Additional land and a change to Bill powers required for the diversion of a National Grid gas pipeline and a new utility compound, north-west of Great Haywood Marina (AP2-002-009)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Colwich to Yarlet area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the polecat population status in the Colwich to Yarlet area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land and a change to Bill powers required for the diversion of a National Grid gas pipeline and a new utility compound, north-west of Great Haywood Marina (AP2-002-009)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Colwich to Yarlet area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of rough grassland will affect the harvest mouse population status in the area of the Colwich to Yarlet area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land and a change to Bill powers required for the diversion of a National Grid gas	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Colwich to Yarlet area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the population status of European	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	pipeline and a new utility compound, north-west of Great Haywood Marina (AP2-002-009)				hedgehog in the Colwich to Yarlet area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	
CA2 Colwich to Yarlet	Additional land and a change to Bill powers required for the diversion of a National Grid gas pipeline and a new utility compound, north-west of Great Haywood Marina (AP2-002-009)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Colwich to Yarlet area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of grassland and arable land will affect the brown hare population status in the Colwich to Yarlet area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land permanently required for the reconfiguration of Ingestre Park Golf Club (AP2-002-010)	Species: Common amphibians	Populations of amphibian species including palmate newt, smooth newt, common toad and common frog, identified throughout the Colwich to Yarlet area.	Construction	The main ES reported the permanent loss of habitats for amphibians in the Colwich to Yarlet area. Habitats potentially used by amphibians are in the land required for the amendment. Loss of ponds and surrounding terrestrial habitats will affect the common amphibian population status in the Colwich to Yarlet area. This represents a different adverse effect on amphibian populations that is significant at local/ parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA2 Colwich to Yarlet	Additional land permanently required for the reconfiguration of Ingestre Park Golf Club (AP2-002-010)	Species: Common reptiles	Populations of common reptile species such as common lizard, slow worm and grass snake, identified as being potentially present in low numbers in the Colwich to Yarlet area.	Construction	The main ES reported the permanent loss of habitats for reptiles in the Colwich to Yarlet area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of grassland and scrub will affect the reptile (grass snake and slow worm) population status in the Colwich to Yarlet area. This represents a different adverse effect on reptile populations that is significant at local /parish level.	Yes
CA2 Colwich to Yarlet	Additional land permanently required for the reconfiguration of Ingestre Park Golf Club (AP2-002-010)	Species: Badger	At least five social groups of badger at undisclosed locations throughout the Colwich to Yarlet area.	Construction	The main ES reported the permanent loss of habitats for badger in the Colwich to Yarlet area. The territories of these social groups are in the area of the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Colwich to Yarlet area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land permanently required for the reconfiguration of Ingestre Park Golf Club (AP2-002-010)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Colwich to Yarlet area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the polecat population status in the Colwich to Yarlet area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land permanently required for the reconfiguration of Ingestre Park	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Colwich to Yarlet area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of rough grassland will affect the harvest mouse	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	Golf Club (AP2-002-010)		amendment.		population status in the Colwich to Yarlet area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	
CA2 Colwich to Yarlet	Additional land permanently required for the reconfiguration of Ingestre Park Golf Club (AP2-002-010)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Colwich to Yarlet area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the population status of European hedgehog in the Colwich to Yarlet area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land permanently required for the reconfiguration of Ingestre Park Golf Club (AP2-002-010)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Colwich to Yarlet area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of grassland and arable land will affect the brown hare population status in the Colwich to Yarlet area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA2 Colwich to Yarlet	Additional land and a change to Bill Powers required for the diversion of a Cadent gas pipeline and a new utility compound, east of Ingestre green overbridge (AP2-002-012)	Species: Common amphibians	Populations of amphibian species including palmate newt, smooth newt, common toad and common frog, identified throughout the Colwich to Yarlet area.	Construction	The main ES reported the permanent loss of habitats for amphibians in the Colwich to Yarlet area. Habitats potentially used by amphibians are in the land required for the amendment. Loss of ponds and surrounding terrestrial habitats will affect the common amphibian population status in the Fradley to Colton area. This represents a different adverse effect on amphibian populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land and a change to Bill Powers required for the diversion of a Cadent gas pipeline and a new utility compound, east of Ingestre green overbridge (AP2-002-012)	Species: Common reptiles	Populations of common reptile species such as common lizard, slow worm and grass snake, identified as being potentially present in low numbers throughout the Colwich to Yarlet area.	Construction	The main ES reported the permanent loss of habitats for reptiles in the Colwich to Yarlet area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of grassland and scrub will affect the reptile (grass snake and slow worm) population status in the Colwich to Yarlet area. This represents a different adverse effect on reptile populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land and a change to Bill Powers required for the diversion of a Cadent gas pipeline and a new utility	Species: Badger	At least five social groups of badger at undisclosed locations throughout the Colwich to Yarlet area.	Construction	The main ES reported the permanent loss of habitats for badger in the Colwich to Yarlet area. The territories of these social groups are in the area of the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Colwich to Yarlet area. This represents a different adverse effect on these badger social groups that is	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	compound, east of Ingestre green overbridge (AP2-002-012)				significant at local/parish level.	
CA2 Colwich to Yarlet	Additional land and a change to Bill Powers required for the diversion of a Cadent gas pipeline and a new utility compound, east of Ingestre green overbridge (AP2-002-012)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Colwich to Yarlet area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the polecat population status in the Colwich to Yarlet area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land and a change to Bill Powers required for the diversion of a Cadent gas pipeline and a new utility compound, east of Ingestre green overbridge (AP2-002-012)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Colwich to Yarlet area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of rough grassland will affect the harvest mouse population status in the Colwich to Yarlet area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land and a change to Bill Powers required for the	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Colwich to Yarlet area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	diversion of a Cadent gas pipeline and a new utility compound, east of Ingestre green overbridge (AP2-002-012)		required for the amendment.		areas of woodland, hedgerow, scrub and grassland will affect the population status of European hedgehog in the Colwich to Yarlet area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	
CA2 Colwich to Yarlet	Additional land and a change to Bill Powers required for the diversion of a Cadent gas pipeline and a new utility compound, east of Ingestre green overbridge (AP2-002-012)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Colwich to Yarlet area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of grassland and arable land will affect the brown hare population status in the Colwich to Yarlet area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land and a change to Bill powers required along the A34 Stone Road for the provision of a new access to Yarlet School (AP2-002-027)	Habitat: Plantation broadleaved woodland	Plantation broadleaved woodland within the land required for the amendment.	Construction	The amendment will result in the permanent loss of approximately 0.9ha (70%) of plantation broadleaved woodland to the east of the A34 Stone Road near Yarlet School. Approximately 0.5ha of woodland habitat creation will take place at this location, which will result in a net loss of 0.4ha broadleaved woodland. This represents a new adverse residual effect that is significant at local/parish level.	No

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA2 Colwich to Yarlet	Additional land and a change to Bill powers required along the A34 Stone Road for the provision of a new access to Yarlet School (AP2-002-027)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Colwich to Yarlet area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the polecat population status in the Colwich to Yarlet area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA2 Colwich to Yarlet	Additional land and a change to Bill powers required along the A34 Stone Road for the provision of a new access to Yarlet School (AP2-002-027)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Colwich to Yarlet area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the population status of European hedgehog in the Colwich to Yarlet area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for modifications to the Yarnfield Lane M6 overbridge replacement (AP2-003-008)	Species: Badger	At least 12 social groups identified within undisclosed locations throughout Stone and Swynnerton area.	Construction	The main ES as amended by SES1 reported the permanent loss of habitats for badger in the Stone and Swynnerton area. The territories of these social groups are in the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Stone and Swynnerton area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA ₃ Stone and Swynnerton	Additional land required for modifications to the Yarnfield Lane M6 overbridge replacement (AP2-003-008)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Stone and Swynnerton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the population status of European hedgehog in the Stone and Swynnerton area. This represents a different adverse effect on hedgehog that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for modifications to the Yarnfield Lane M6 overbridge replacement (AP2-003-008)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Stone and Swynnerton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of open arable and grassland habitat will affect the brown hare population status in the Stone and Swynnerton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for the provision of new permanent traffic signals at the junction of Yarnfield Lane and the A34 The Fillybrooks (AP2-003-007)	Habitat: Woodland	Areas of mixed broadleaved woodland on either side of the A34 The Fillybrooks.	Construction	The amendment will result in the permanent loss of less than 0.1ha of mixed broadleaved woodland on either side of the A34 The Fillybrooks. This represents a new adverse effect on this woodland that is significant at local/parish level.	No

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA3 Stone and Swynnerton	Additional land required for the provision of new permanent traffic signals at the junction of Yarnfield Lane and the A34 The Fillybrooks (AP2-003-007)	Species: Great crested newt	Assumed population of great crested to the west of the A34 The Fillybrooks.	Construction	The amendment will result in the temporary loss of less than 0.1ha of mixed broadleaved woodland within 100m of a pond which is assumed to support a population of great crested newts. The woodland is considered likely to offer terrestrial habitat opportunities for great crested newts. Given the small area of terrestrial habitat loss, and prevalence of other terrestrial habitat opportunities within proximity to the pond, the loss of the small area of woodland represents a new adverse effect on great crested newts that is significant at local/parish level.	No
CA3 Stone and Swynnerton	Additional land required for the provision of new permanent traffic signals at the junction of Yarnfield Lane and the A34 The Fillybrooks (AP2-003-007)	Species: Badger	At least 12 social groups identified within undisclosed locations throughout the Stone and Swynnerton area.	Construction	The main ES as amended by SES1 reported the permanent loss of habitats for badger in the Stone and Swynnerton area. The territories of these social groups are in the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Stone and Swynnerton area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for the provision of new permanent traffic signals at the junction of Yarnfield Lane and the A34 The Fillybrooks (AP2-003-007)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Stone and Swynnerton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland and floodplain grazing marsh will affect the polecat population status in the Stone and Swynnerton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA ₃ Stone and Swynnerton	Additional land required for the provision of new permanent traffic signals at the junction of Yarnfield Lane and the A ₃₄ The Fillybrooks (AP2-003-007)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Stone and Swynnerton area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of floodplain grazing marsh will affect the harvest mouse population status in the area of the Stone and Swynnerton area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for the provision of new permanent traffic signals at the junction of Yarnfield Lane and the A ₃₄ The Fillybrooks (AP2-003-007)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Stone and Swynnerton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland and floodplain grazing marsh will affect the population status of European hedgehog in the Stone and Swynnerton area. This represents a different adverse effect on hedgehog that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for the provision of new permanent traffic signals at the junction of Yarnfield Lane and the A ₃₄ The Fillybrooks (AP2-003-007)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Stone and Swynnerton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of floodplain grazing marsh will affect the brown hare population status in the Stone and Swynnerton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA ₃ Stone and Swynnerton	Additional land required for the provision of new permanent traffic signals at the junction of Yarnfield Lane and the A ₃₄ The Fillybrooks (AP2-003-007)	Species: Common amphibians	Populations of amphibian species including palmate newt, smooth newt, common frog and common toad, identified throughout the Stone and Swynnerton area.	Construction	The main ES reported the permanent loss of habitats for common amphibian species in the Stone and Swynnerton area. Habitats potentially used by common amphibian species are in the land required for the amendment. Loss of small areas of woodland and floodplain grazing marsh will affect the population status of amphibians in the Stone and Swynnerton area. This represents a different adverse effect on amphibian populations that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for the provision of new permanent traffic signals at the junction of Yarnfield Lane and the A ₃₄ The Fillybrooks (AP2-003-007)	Species: Common reptiles	Populations of common reptile species such as grass snake, slow worm and common lizard identified as being potentially present in low numbers throughout the Stone and Swynnerton area.	Construction	The main ES reported the permanent loss of habitats for reptiles in the Stone and Swynnerton area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of woodland in close proximity to ponds will affect the grass snake population status in the Stone and Swynnerton area. This represents a different adverse effect on reptile populations that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for provision of a power supply to Whitmore Heath tunnel (AP2-004-001)	Habitats: Grassland	Semi-improved grassland to the west of the M6 and north of the A ₅₁ Stone Road.	Construction	The amendment will result in the permanent loss of 500m ² of semi-improved grassland to the west of the M6 and north of the A ₅₁ Stone Road. This represents a new adverse effect on this grassland that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for provision of a power supply to	Habitats: Woodland	Mixed broadleaved plantation woodland to the west of the M6 and	Construction	The amendment will result in the loss of 200m ² of mixed broadleaved plantation woodland alongside the west of the M6 and north of the A ₅₁ Stone Road. This represents a new adverse effect on this woodland	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	Whitmore Heath tunnel (AP2-004-001)		north of the A51.		that is significant at local/parish level.	
CA ₃ Stone and Swynnerton	Additional land required for provision of a power supply to Whitmore Heath tunnel (AP2-004-001)	Habitats: Woodland	Broadleaved woodland at Meaford Bulk Supply Point.	Construction	The amendment will result in the loss of 100m ² of broadleaved woodland at Meaford Bulk Supply Point. This represents a new adverse effect on this woodland that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for provision of a power supply to Whitmore Heath tunnel (AP2-004-001)	Species: Great crested newts	Assumed population of great crested newts within the habitats surrounding Meaford Bulk Supply Point.	Construction	The amendment will result in the permanent loss of 100m ² of mixed broadleaved woodland within 100m of a pond which is assumed to support a population of great crested newts. The woodland is considered likely to offer terrestrial habitat opportunities for great crested newts. Given the small area of terrestrial habitat loss, and prevalence of other terrestrial habitat opportunities within proximity to the pond, the loss of the small area of woodland represents a new adverse effect on great crested newts that is significant at local/parish level.	No
CA ₃ Stone and Swynnerton	Additional land required for provision of a power supply to Whitmore Heath tunnel (AP2-004-001)	Species: Badger	At least 12 social groups identified within undisclosed locations throughout the Stone and Swynnerton area.	Construction	The main ES as amended by SES ₁ reported the permanent loss of habitats for badger in the Stone and Swynnerton area. The territories of these social groups are in the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Stone and Swynnerton area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA3 Stone and Swynnerton	Additional land required for provision of a power supply to Whitmore Heath tunnel (AP2-004-001)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Stone and Swynnerton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland and grassland will affect the polecat population status in the Stone and Swynnerton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for provision of a power supply to Whitmore Heath tunnel (AP2-004-001)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Stone and Swynnerton area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of grassland will affect the harvest mouse population status in the area of the Stone and Swynnerton area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for provision of a power supply to Whitmore Heath tunnel (AP2-004-001)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Stone and Swynnerton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland and grassland will affect the population status of European hedgehog in the Stone and Swynnerton area. This represents a different adverse effect on hedgehog that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for provision of a power supply to Whitmore Heath	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the	Construction	The main ES reported the permanent loss of habitats for brown hare in the Stone and Swynnerton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of open grassland habitat will affect the brown hare	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	tunnel (AP2-004-001)		amendment.		population status in the Stone and Swynnerton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	
CA ₃ Stone and Swynnerton	Additional land required for provision of a power supply to Whitmore Heath tunnel (AP2-004-001)	Species: Common amphibians	Populations of amphibian species including palmate newt, smooth newt, common frog and common toad, identified throughout the Stone and Swynnerton area.	Construction	The main ES reported the permanent loss of habitats for common amphibian species in the Stone and Swynnerton area. Habitats potentially used by common amphibian species are in the land required for the amendment. Loss of small areas of woodland within proximity to ponds will affect the population status of amphibians in the Stone and Swynnerton area. This represents a different adverse effect on amphibian populations that is significant at local/parish level.	No
CA ₃ Stone and Swynnerton	Additional land required for provision of a power supply to Whitmore Heath tunnel (AP2-004-001)	Species: Common reptiles	Populations of common reptile species such as grass snake, slow worm and common lizard identified as being potentially present in low numbers throughout the Stone and Swynnerton area.	Construction	The main ES reported the permanent loss of habitats for reptiles in the Stone and Swynnerton area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of woodland in close proximity to ponds will affect the grass snake population status in the Stone and Swynnerton area. This represents a different adverse effect on reptile populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA3 Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Mill Meece pumping station (AP2-003-013)	Species: Badger	At least 12 social groups identified within undisclosed locations throughout the Stone and Swynnerton area.	Construction	The main ES as amended by SES1 reported the permanent loss of habitats for badger in the Stone and Swynnerton area. The territories of these social groups are in the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Stone and Swynnerton area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Mill Meece pumping station (AP2-003-013)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Stone and Swynnerton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of hedgerow and grassland will affect the polecat population status in the Stone and Swynnerton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Mill Meece pumping station (AP2-003-013)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Stone and Swynnerton area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of arable land will affect the harvest mouse population status in the area of the Stone and Swynnerton area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for a water treatment facility at the	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Stone and Swynnerton area. Habitats potentially used by European hedgehog are in the land required for the	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	Severn Trent Water Limited Mill Meece pumping station (AP2-003-013)		required for the amendment.		amendment. Loss of small areas of hedgerow and grassland will affect the population status of European hedgehog in the Stone and Swynnerton area. This represents a different adverse effect on hedgehog that is significant at local/parish level.	
CA ₃ Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Mill Meece pumping station (AP2-003-013)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Stone and Swynnerton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of open arable will affect the brown hare population status in the Stone and Swynnerton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Mill Meece pumping station (AP2-003-013)	Species: Common amphibians	Populations of amphibian species including palmate newt, smooth newt, common frog and common toad, identified throughout the Stone and Swynnerton area.	Construction	The main ES reported the permanent loss of habitats for common amphibian species in the Stone and Swynnerton area. Habitats potentially used by common amphibian species are in the land required for the amendment. Loss of small areas of grassland, hedgerows and ditch habitats within proximity to ponds will affect the population status of amphibians in the Stone and Swynnerton area. This represents a different adverse effect on amphibian populations that is significant at local/parish level.	No

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA ₃ Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Mill Meece pumping station (AP2-003-013)	Species: Common reptiles	Populations of common reptile species such as grass snake, slow worm and common lizard identified as being potentially present in low numbers throughout the Stone and Swynnerton area.	Construction	The main ES reported the permanent loss of habitats for reptiles in the Stone and Swynnerton area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of woodland in close proximity to ponds will affect the grass snake population status in the Stone and Swynnerton area. This represents a different adverse effect on reptile populations that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Hanchurch Distribution and Storage Reservoir (AP2-003-015)	Habitats: Woodland	Area of mixed plantation woodland at Swynnerton Old Park LWS.	Construction	The amendment will result in the permanent loss of 0.5ha of mixed plantation woodland which falls within the land designated as Swynnerton Old Park LWS. This provides ecological connectivity to remnant areas of woodland within the wider landscape. This represents a new adverse effect on this woodland that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA3 Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Hanchurch Distribution and Storage Reservoir (AP2-003-015)	Species: Badger	At least 12 social groups identified within undisclosed locations throughout the Stone and Swynnerton area.	Construction	The main ES as amended by SES1 reported the permanent loss of habitats for badger in the Stone and Swynnerton area. The territories of these social groups are in the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Stone and Swynnerton area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Hanchurch Distribution and Storage Reservoir (AP2-003-015)	Species: Polecat	Potential polecat populations using suitable habitats the present within land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Stone and Swynnerton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland and arable land will affect the polecat population status in the Stone and Swynnerton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA3 Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Hanchurch Distribution and Storage Reservoir (AP2-003-015)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Stone and Swynnerton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland, and grassland will affect the population status of European hedgehog in the Stone and Swynnerton area. This represents a different adverse effect on hedgehog that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Hanchurch Distribution and Storage Reservoir (AP2-003-015)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Stone and Swynnerton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland and grassland will affect the population status of European hedgehog in the Stone and Swynnerton area. This represents a different adverse effect on hedgehog that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA ₃ Stone and Swynnerton	Additional land required for a water treatment facility at the Severn Trent Water Limited Hanchurch Distribution and Storage Reservoir (AP2-003-015)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Stone and Swynnerton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of open grassland habitat will affect the brown hare population status in the Stone and Swynnerton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for modifications to the roundabout junction of the A500 Queensway/A519 Newcastle Road/A519 Clayton Road (Hanchurch Interchange) and the signalised crossroads junction of the A519 Newcastle Road/A5182 Trentham Road/B5038 Whitmore Road and a new temporary satellite	Habitat: Tree belt	A belt of trees comprising mixed deciduous species is present from the south east corner of Hanchurch Interchange roundabout along the southern boundary of the A500 Queensway.	Consturction	The amendment will result in the loss of approximately 320m of the tree belt that is present from the south east corner of Hanchurch Interchange roundabout along the southern boundary of the A500 Queensway. This is likely to provide ecological connectivity along the Queensway as well as a shelter and foraging resource for a range of species. This represents a new permanent adverse effect on this tree belt that is significant at local/parish level.	No

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	construction compound (AP2-003-017)					
CA ₃ Stone and Swynnerton	Additional land required for modifications to the roundabout junction of the A500 Queensway/A519 Newcastle Road/A519 Clayton Road (Hanchurch Interchange) and the signalised crossroads junction of the A519 Newcastle Road/A5182 Trentham Road/B5038 Whitmore Road and a new temporary satellite construction compound (AP2-003-017)	Species: Badger	At least 12 social groups identified within undisclosed locations throughout Stone and Swynnerton.	Construction	The main ES as amended by SES1 reported the permanent loss of habitats for badger in the Stone and Swynnerton area. The territories of these social groups are in the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Stone and Swynnerton area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required for modifications to the roundabout	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Stone and Swynnerton area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	junction of the A500 Queensway/A519 Newcastle Road/A519 Clayton Road (Hanchurch Interchange) and the signalised crossroads junction of the A519 Newcastle Road/A5182 Trentham Road/B5038 Whitmore Road and a new temporary satellite construction compound (AP2-003-017)		required for the amendment.		of grassland will affect the harvest mouse population status in the area of the Stone and Swynnerton area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	
CA3 Stone and Swynnerton	Additional land required for modifications to the roundabout junction of the A500 Queensway/A519 Newcastle Road/A519 Clayton Road (Hanchurch Interchange) and the signalised	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Stone and Swynnerton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland, hedgerow and grassland will affect the population status of European hedgehog in the Stone and Swynnerton area. This represents a different adverse effect on hedgehog that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	crossroads junction of the A519 Newcastle Road/A5182 Trentham Road/B5038 Whitmore Road and a new temporary satellite construction compound (AP2-003-017)					
CA3 Stone and Swynnerton	Additional land required for modifications to the roundabout junction of the A500 Queensway/A519 Newcastle Road/A519 Clayton Road (Hanchurch Interchange) and the signalised crossroads junction of the A519 Newcastle Road/A5182 Trentham Road/B5038 Whitmore Road and a new temporary	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Stone and Swynnerton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of open grassland habitat will affect the brown hare population status in the Stone and Swynnerton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	satellite construction compound (AP2-003-017)					
CA ₃ Stone and Swynnerton	Additional land required for modifications to the roundabout junction of the A500 Queensway/A519 Newcastle Road/A519 Clayton Road (Hanchurch Interchange) and the signalised crossroads junction of the A519 Newcastle Road/A5182 Trentham Road/B5038 Whitmore Road and a new temporary satellite construction compound (AP2-003-017)	Species: Common reptiles	Populations of common reptile species such as grass snake, slow worm and common lizard identified as being potentially present in low numbers throughout the Stone and Swynnerton area.	Construction	The main ES reported the permanent loss of habitats for reptiles in the Stone and Swynnerton area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of woodland and grassland will affect the slow worm population status in the Stone and Swynnerton area. This represents a different adverse effect on reptile populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA ₃ Stone and Swynnerton	Additional land required and a change in Bill powers to modify the alignment of the realigned Dog Lane and introduce new field accesses (AP2-003-016)	Habitats: Tree belt	Tree belt on either side of Dog Lane.	Construction	The amendment will result in the loss of 260m of tree belt on either side of Dog Lane. This provides ecological connectivity along the lane as well as shelter and foraging resources for a range of species. This represents a new permanent adverse effect on this tree belt that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required and a change in Bill powers to modify the alignment of the realigned Dog Lane and introduce new field accesses (AP2-003-016)	Species: Badger	At least 12 social groups identified within undisclosed locations throughout the Stone and Swynnerton.	Construction	The main ES as amended by SES ₁ reported the permanent loss of habitats for badger in the Stone and Swynnerton area. The territories of these social groups are in the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Stone and Swynnerton area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required and a change in Bill powers to modify the alignment of the realigned Dog Lane and introduce new field accesses (AP2-003-016)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Stone and Swynnerton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of tree belt / hedgerow habitats will affect the polecat population status in the Stone and Swynnerton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA ₃ Stone and Swynnerton	Additional land required and a change in Bill powers to modify the alignment of the realigned Dog Lane and introduce new field accesses (AP2-003-016)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Stone and Swynnerton area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of arable land will affect the harvest mouse population status in the area of the Stone and Swynnerton area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required and a change in Bill powers to modify the alignment of the realigned Dog Lane and introduce new field accesses (AP2-003-016)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Stone and Swynnerton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of treebelt/hedgerow and grassland will affect the population status of European hedgehog in the Stone and Swynnerton area. This represents a different adverse effect on hedgehog that is significant at local/parish level.	Yes
CA ₃ Stone and Swynnerton	Additional land required and a change in Bill powers to modify the alignment of the realigned Dog Lane and introduce new field accesses (AP2-003-016)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Stone and Swynnerton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of open arable and grassland habitat will affect the brown hare population status in the Stone and Swynnerton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA3 Stone and Swynnerton	Additional land required and a change to Bill powers for the provision of a roundabout at the junction of the A51 Stone Road diversion / Tittensor Road diversion (AP2-003-012)	Habitats: Grassland	Neutral semi-improved grassland at Long Compton.	Construction	The amendment will result in the permanent loss of 700m ² of neutral semi-improved grassland at Long Compton. This represents a new adverse effect on this grassland that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required and a change to Bill powers for the provision of a roundabout at the junction of the A51 Stone Road diversion / Tittensor Road diversion (AP2-003-012)	Habitats: Woodland	Mixed plantation woodland at Long Compton.	Construction	The amendment will result in the permanent loss of 300m ² of mixed plantation woodland at Long Compton. This represents a new adverse effect on this woodland that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required and a change to Bill powers for the provision of a roundabout at the junction of the A51 Stone	Species: Badger	At least 12 social groups identified within undisclosed locations throughout the Stone and Swynnerton area.	Construction	The main ES as amended by SES1 reported the permanent loss of habitats for badger in the Stone and Swynnerton area. The territories of these social groups are in the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Stone and Swynnerton area. This represents a different adverse effect on these badger	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	Road diversion / Tittensor Road diversion (AP2-003-012)				social groups that is significant at local/parish level.	
CA3 Stone and Swynnerton	Additional land required and a change to Bill powers for the provision of a roundabout at the junction of the A51 Stone Road diversion / Tittensor Road diversion (AP2-003-012)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Stone and Swynnerton area. Habitats potentially used by polecat are in the land required for the amendment. Loss of small areas of woodland and arable land will affect the polecat population status in the Stone and Swynnerton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required and a change to Bill powers for the provision of a roundabout at the junction of the A51 Stone Road diversion / Tittensor Road diversion (AP2-003-012)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Stone and Swynnerton area. Habitats potentially used by harvest mouse are in the land required for the amendment. Loss of small areas of grassland will affect the harvest mouse population status in the area of the Stone and Swynnerton area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required and a change to Bill powers for the	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Stone and Swynnerton area. Habitats potentially used by European hedgehog are in the land required for the	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	provision of a roundabout at the junction of the A51 Stone Road diversion / Tittensor Road diversion (AP2-003-012)		required for the amendment.		amendment. Loss of small areas of woodland, hedgerow and grassland will affect the population status of European hedgehog in the Stone and Swynnerton area. This represents a different adverse effect on hedgehog that is significant at local/parish level.	
CA3 Stone and Swynnerton	Additional land required and a change to Bill powers for the provision of a roundabout at the junction of the A51 Stone Road diversion / Tittensor Road diversion (AP2-003-012)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Stone and Swynnerton area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of open grassland habitat will affect the brown hare population status in the Stone and Swynnerton area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required and a change to Bill powers for the provision of a roundabout at the junction of the A51 Stone Road diversion / Tittensor Road diversion (AP2-003-012)	Species: Common amphibians	Populations of amphibian species including palmate newt, smooth newt, common frog and common toad, identified throughout the Stone and Swynnerton area.	Construction	The main ES reported the permanent loss of habitats for common amphibian species in the Stone and Swynnerton area. Habitats potentially used by common amphibian species are in the land required for the amendment. Loss of woodland habitat within proximity to ponds will affect the population status of amphibians in the Stone and Swynnerton area. This represents a different adverse effect on amphibian populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA3 Stone and Swynnerton	Additional land required and a change to Bill powers for the provision of a roundabout at the junction of the A51 Stone Road diversion / Tittensor Road diversion (AP2-003-012)	Species: Common reptiles	Populations of common reptile species such as grass snake, slow worm and common lizard identified as being potentially present in low numbers throughout the Stone and Swynnerton area.	Construction	The main ES reported the permanent loss of habitats for reptiles in the Stone and Swynnerton area. Habitats potentially used by reptiles are in the land required for the amendment. Loss of small areas of woodland in close proximity to ponds will affect the grass snake population status in the Stone and Swynnerton area. This represents a different adverse effect on reptile populations that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for realignment of B5026 Eccleshall Road and associated field access (AP2-003-006)	Species: Badger	At least 12 social groups identified within undisclosed locations throughout the Stone and Swynnerton area.	Construction	The main ES as amended by SES1 reported the permanent loss of habitats for badger in the Stone and Swynnerton area. The territories of these social groups are in the land required for the amendment. The amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on badger that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for realignment of B5026 Eccleshall Road and associated field access (AP2-003-006)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Stone and Swynnerton area. Habitats potentially used by harvest mouse are in the land required for the amendment. The amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on harvest mouse that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land required for realignment of	Species: European	Potential European hedgehog populations using suitable habitats	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Stone and Swynnerton area. Habitats potentially used by European	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
Swynnerton	B5026 Eccleshall Road and associated field access (AP2-003-006)	hedgehog	present within the land required for the amendment.		hedgehog are in the land required for the amendment. The amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on European hedgehog that is significant at local/parish level.	
CA3 Stone and Swynnerton	Additional land required for realignment of B5026 Eccleshall Road and associated field access (AP2-003-006)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for brown hare in the form of farm land, grassland and woodland throughout the Stone and Swynnerton area that are likely to be used by brown hare for shelter and foraging habitats. The amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on brown hare but remains a local/parish level effect.	Yes
CA3 Stone and Swynnerton	Additional land required for realignment of B5026 Eccleshall Road and associated field access (AP2-003-006)	Species: Common amphibians	Populations of amphibian species including palmate newt, smooth newt, common frog and common toad, identified throughout the Stone and Swynnerton area.	Construction	The main ES reported the permanent loss of habitats potentially used by common amphibians in the Stone and Swynnerton area. The amendment will result in a reduction in the loss of suitable grassland habitat within proximity of ponds for these species. This represents a different effect on common amphibian populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA3 Stone and Swynnerton	Additional land required for realignment of B5026 Eccleshall Road and associated field access (AP2-003-006)	Species: Common reptiles	Populations of common reptile species such as grass snake, slow worm and common lizard identified as being potentially present in low numbers throughout the Stone and Swynnerton area.	Construction	The main ES reported the permanent loss of habitats for reptiles in the Stone and Swynnerton area. Habitats potentially used by reptiles are in the land required for the amendment. The amendment will result in a reduction in the loss of suitable habitat for these species. This represents a different effect on common reptiles but remains a local/parish level effect.	Yes
CA3 Stone and Swynnerton	Additional land for the diversion of three Severn Trent Water water mains supplies near the A51 Stone Road and Stab Lane (AP2-003-112)	Habitat: Woodland	Area of semi-natural woodland at Stabhill Plantation.	Construction	The main ES reported the permanent loss of 1.3ha of semi-natural deciduous woodland at Stabhill Plantation. The amendment will result in the permanent loss of approximately an additional 0.2ha of semi-natural deciduous woodland at Stabhill Plantation This represents a different adverse effect on this woodland that is significant at local/parish level.	Yes
CA3 Stone and Swynnerton	Additional land for the diversion of three Severn Trent Water water mains supplies near the A51 Stone Road and Stab Lane (AP2-003-112)	Species: Badger	At least 12 social groups identified within undisclosed locations throughout the Stone and Swynnerton area.	Construction	The main ES as amended by SES1 reported the permanent loss of habitats for badger in the Stone and Swynnerton area. The territories of these social groups are in the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Stone and Swynnerton area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes
CA3 Stone and	Additional land for the diversion of three Severn	Species: Polecat	Potential polecat populations using suitable habitats	Construction	The main ES reported the permanent loss of habitats for polecat in the Stone and Swynnerton area. Habitats potentially used by polecat are in the land	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
Swynnerton	Trent Water water mains supplies near the A51 Stone Road and Stab Lane (AP2-003-112)		present within the land required for the amendment.		required for the amendment. Loss of small areas of woodland and arable land will affect the polecat population status in the Stone and Swynnerton area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	
CA3 Stone and Swynnerton	Additional land for the diversion of three Severn Trent Water water mains supplies near the A51 Stone Road and Stab Lane (AP2-003-112)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Stone and Swynnerton area. Habitats potentially used by European hedgehog are in the land required for the amendment. Loss of small areas of woodland, hedgerow, scrub and grassland will affect the population status of European hedgehog in the Stone and Swynnerton area. This represents a different adverse effect on hedgehog that is significant at local/parish level.	Yes
CA4 Whitmore Heath to Madeley	Additional land required and changes to Bill powers for changes to the vertical and horizontal alignment between Hatton South cutting and Madeley Bridleway 1 accommodation green overbridge (AP2-004-002)	Habitats: Grassland	Area of species- rich semi improved neutral grassland north of A53 Newcastle Road.	Construction	The main ES reported the loss of small areas of semi-improved grassland throughout Whitmore Heath to Madeley area. The amendment will result in a reduction in the area of this habitat loss of approximately 8,245m ² of species-rich semi improved neutral grassland from an area north of the A53 Newcastle Road. This reduction represents a different significant effect on this grassland that is significant at local/parish level.	Reduction in habitat loss no mitigation required.

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA4 Whitmore Heath to Madeley	Additional land required and changes to Bill powers for changes to the vertical and horizontal alignment between Hatton South cutting and Madeley Bridleway 1 accommodation green overbridge (AP2-004-002)	Habitats: Grassland	Area of species- poor semi improved grassland north of the A53 Newcastle Road.	Construction	The amendment will result in a reduction in the area of this habitat loss of approximately 266m ² of species-poor semi improved neutral grassland from an area north of the A53 Newcastle Road. This reduction represents a different significant effect on this grassland that is significant at local/parish level.	Reduction in habitat loss no mitigation required.
CA4 Whitmore Heath to Madeley	Additional land required and changes to Bill powers for changes to the vertical and horizontal alignment between Hatton South cutting and Madeley Bridleway 1 accommodation green overbridge (AP2-004-002)	Species: Badger	At least 11 social groups identified within undisclosed locations throughout the Whitmore Heath to Madeley area.	Construction	The main ES as amended by SES1 reported the permanent loss of habitats for badger in the Whitmore Heath to Madeley area. The territories of these social groups are in the area of the land required for the amendment. Disturbance of badgers within setts and/or loss of foraging habitat will affect the distribution of badger territories in the Whitmore Heath to Madeley area. This represents a different adverse effect on these badger social groups that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA4 Whitmore Heath to Madeley	Additional land required and changes to Bill powers for changes to the vertical and horizontal alignment between Hatton South cutting and Madeley Bridleway 1 accommodation green overbridge (AP2-004-002)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for polecat in the Whitmore Heath to Madeley area. Habitats potentially used by polecat are in the land required for the amendment. Loss of arable land, and the avoidance of woodland, grassland and hedgerow areas will affect the polecat population status in the Whitmore Heath to Madeley area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	Yes
CA4 Whitmore Heath to Madeley	Additional land required and changes to Bill powers for changes to the vertical and horizontal alignment between Hatton South cutting and Madeley Bridleway 1 accommodation green overbridge (AP2-004-002)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Whitmore Heath to Madeley area. Habitats potentially used by harvest mouse in the land required for the amendment. Loss of arable land and the avoidance of areas of grassland will affect the harvest mouse population status in the Whitmore Heath to Madeley area. This represents a different effect on harvest mouse populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA4 Whitmore Heath to Madeley	Additional land required and changes to Bill powers for changes to the vertical and horizontal alignment between Hatton South cutting and Madeley Bridleway 1 accommodation green overbridge (AP2-004-002)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for European hedgehog in the Whitmore Heath to Madeley area. Habitats potentially used by European hedgehog are in the land required for the amendment. Avoidance of woodland, hedgerow and grassland areas will affect the population status of European hedgehog in the Whitmore Heath to Madeley area. This represents a different effect on hedgehog population that is significant at local/parish level.	Yes
CA4 Whitmore Heath to Madeley	Additional land required and changes to Bill powers for changes to the vertical and horizontal alignment between Hatton South cutting and Madeley Bridleway 1 accommodation green overbridge (AP2-004-002)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Whitmore Heath to Madeley area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of small areas of arable land, and the avoidance of additional areas of grassland will affect the brown hare population status in the Whitmore Heath to Madeley area. This represents a different effect brown on brown hare populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA4 Whitmore Heath to Madeley	Additional land required and changes to Bill powers for changes to the vertical and horizontal alignment between Hatton South cutting and Madeley Bridleway 1 accommodation green overbridge (AP2-004-002)	Species: Common reptiles	Populations of common reptile species such as common lizard, slow worm and grass snake, identified as being potentially present in low numbers throughout the Whitmore Heath to Madeley area.	Construction	The main ES reported the permanent loss of habitats for amphibians in the Whitmore Heath to Madeley area. Habitats potentially used by reptiles are in the land required for the amendment. The avoidance of small areas of grassland will affect the reptile (grass snake and slow worm) population status in the Whitmore Heath to Madeley area. This represents a different effect on reptile populations that is significant at local/parish level.	
CA4 Whitmore Heath to Madeley	Additional land required and a change to Bill powers for modifications to the A51 Stone Road/Nantwich Road/A53 Newcastle Road junction (AP2-004-003)	Species: Badger	At least 11 social groups identified within undisclosed locations throughout the Whitmore Heath to Madeley area.	Construction	The main ES as amended by SES1 reported the permanent loss of habitats for badger in the Whitmore Heath to Madeley area. Suitable habitat for badgers are within the land required for the amendment. Disturbance of badgers including disturbance to setts and / or loss of foraging habitat will affect the distribution of badger territories in the Whitmore Heath to Madeley area. If present in this area, this represents a new adverse effect on a new badger social groups that is significant at local/parish level.	Yes
CA4 Whitmore Heath to Madeley	Additional land required and a change to Bill powers for modifications to	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the	Construction	The main ES reported the permanent loss of habitats for polecat in the Whitmore Heath to Madeley area. Habitats potentially used by polecat are in the land required for the amendment. Loss of woodland habitat, will affect the polecat population status in the	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	the A51 Stone Road/Nantwich Road/A53 Newcastle Road junction (AP2-004-003)		amendment.		Whitmore Heath to Madeley area. This represents a different adverse effect on polecat populations that is significant at local/parish level.	
CA4 Whitmore Heath to Madeley	Additional land required and a change to Bill powers for modifications to the A51 Stone Road/Nantwich Road/A53 Newcastle Road junction (AP2-004-003)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for harvest mouse in the Whitmore Heath to Madeley area. Habitats potentially used by harvest mice are in the land required for the amendment. Loss of woodland habitat, hedgerows and roadside verges will affect harvest mouse population status in the Whitmore Heath to Madeley area. This represents a different adverse effect on harvest mouse populations that is significant at local/parish level.	Yes
CA4 Whitmore Heath to Madeley	Additional land required and a change to Bill powers for modifications to the A51 Stone Road/Nantwich Road/A53 Newcastle Road junction (AP2-004-003)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for hedgehog in the Whitmore Heath to Madeley area. Habitats potentially used by hedgehog are in the land required for the amendment. Loss of woodland habitat and hedgerows will affect hedgehog population status in the Whitmore Heath to Madeley area. This represents a different adverse effect on hedgehog populations that is significant at local/parish level.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA4 Whitmore Heath to Madeley	Additional land required and a change to Bill powers for modifications to the A51 Stone Road/Nantwich Road/A53 Newcastle Road junction (AP2-004-003)	Species: brown hare	Potential brown hare using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the permanent loss of habitats for brown hare in the Whitmore Heath to Madeley area. Habitats potentially used by brown hare are in the land required for the amendment. Loss of woodland habitat and hedgerows will affect brown hare population status in the Whitmore Heath to Madeley area. This represents a different adverse effect on brown hare populations that is significant at local/parish level.	Yes
CA5 South Cheshire	Additional land required for construction traffic at the A500 Shavington Bypass (AP2-005-001)	Species: Badger	At least five social groups identified within undisclosed locations throughout the South Cheshire area	Construction	The main ES as amended by SES1 and AP1 ES reported the loss of suitable habitats for badger in the form of hedgerows, grassland and woodlands throughout the South Cheshire area which offer foraging and sett building opportunities for badger. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on badger but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land required for construction traffic at the A500 Shavington Bypass (AP2-005-001)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for polecat in the form of agricultural land, hedgerows, scrub and woodland throughout the South Cheshire area that are likely to be used by polecat for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on polecat but remains a local/parish level effect.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA5 South Cheshire	Additional land required for construction traffic at the A500 Shavington Bypass (AP2-005-001)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for harvest mouse in the form of hedgerows, arable, rough grassland and woodland edge habitats throughout the South Cheshire area that are likely to be used by harvest mouse for shelter and foraging habitats. The land required for the amendment will result in the loss of additional suitable habitats. This represents a different effect on harvest mouse but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land required for construction traffic at the A500 Shavington Bypass (AP2-005-001)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for European hedgehog in the form of woodland, hedgerows, grassland and scrub throughout the South Cheshire area that are likely to be used by hedgehog for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on European hedgehog but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land required for construction traffic at the A500 Shavington Bypass (AP2-005-001)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for brown hare in the form of farm land, grassland and woodland throughout the South Cheshire area that are likely to be used by brown hare for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on brown hare but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land and a change to Bill powers for a fuel pipeline	Species: Badger	At least five social groups identified within undisclosed locations throughout	Construction	The main ES as amended by SES1 and AP1 ES reported the loss of suitable habitats for badger in the form of hedgerows, grassland and woodlands throughout the South Cheshire area which offer	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	diversion and new utility compound at Checkley Lane (AP2-005-002)		the South Cheshire area		foraging and sett building opportunities for badger. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on badger but remains a local/parish level effect.	
CA5 South Cheshire	Additional land and a change to Bill powers for a fuel pipeline diversion and new utility compound at Checkley Lane (AP2-005-002)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for polecat in the form of agricultural land, hedgerows and woodland throughout the South Cheshire area that are likely to be used by polecat for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on polecat but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land and a change to Bill powers for a fuel pipeline diversion and new utility compound at Checkley Lane (AP2-005-002)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for harvest mouse in the form of hedgerows, arable, rough grassland and woodland edge habitats throughout the South Cheshire area that are likely to be used by harvest mouse for shelter and foraging habitats. The land required for the amendment will result in the loss of additional suitable habitats. This represents a different effect on harvest mouse but remains a local/parish level effect.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA5 South Cheshire	Additional land and a change to Bill powers for a fuel pipeline diversion and new utility compound at Checkley Lane (AP2-005-002)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for European hedgehog in the form of woodland, hedgerows, grassland and scrub throughout the South Cheshire area that are likely to be used by hedgehog for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on European hedgehog but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land and a change to Bill powers for a fuel pipeline diversion and new utility compound at Checkley Lane (AP2-005-002)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for brown hare in the form of farm land, grassland and woodland throughout the South Cheshire area that are likely to be used by brown hare for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on brown hare but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land and a change to Bill powers for the underground diversion of a section of a Scottish Power Energy Networks 132kv overhead line at Checkley Lane and a utility compound (AP2-005-003)	Species: Badger	At least five social groups identified within undisclosed locations throughout the South Cheshire area	Construction	The main ES as amended by SES1 and AP1 ES reported the loss of suitable habitats for badger in the form of hedgerows, grassland and woodlands throughout the South Cheshire area which offer foraging and sett building opportunities for badger. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on badger but remains a local/parish level effect.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA5 South Cheshire	Additional land and a change to Bill powers for the underground diversion of a section of a Scottish Power Energy Networks 132kv overhead line at Checkley Lane and a utility compound (AP2-005-003)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for polecat in the form of agricultural land, hedgerows and woodland throughout the South Cheshire area that are likely to be used by polecat for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on polecat but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land and a change to Bill powers for the underground diversion of a section of a Scottish Power Energy Networks 132kv overhead line at Checkley Lane and a utility compound (AP2-005-003)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for harvest mouse in the form of hedgerows, arable, rough grassland and woodland edge habitats throughout the South Cheshire area that are likely to be used by harvest mouse for shelter and foraging habitats. The land required for the amendment will result in the loss of additional suitable habitats. This represents a different effect on harvest mouse but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land and a change to Bill powers for the underground diversion of a	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the	Construction	The main ES reported the loss of suitable habitats for European hedgehog in the form of woodland, hedgerows, grassland and scrub throughout the South Cheshire area that are likely to be used by hedgehog for shelter and foraging habitats. The land	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	section of a Scottish Power Energy Networks 132kv overhead line at Checkley Lane and a utility compound (AP2-005-003)		amendment.		required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on European hedgehog but remains a local/parish level effect.	
CA5 South Cheshire	Additional land and a change to Bill powers for the underground diversion of a section of a Scottish Power Energy Networks 132kv overhead line at Checkley Lane and a utility compound (AP2-005-003)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for brown hare in the form of farm land, grassland and woodland throughout the South Cheshire area that are likely to be used by brown hare for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on brown hare but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land required for two utility compounds at Newcastle Road and Chorlton Lane (AP2-005-011)	Species: Badger	At least five social groups identified within undisclosed locations throughout the South Cheshire area	Construction	The main ES as amended by SES1 and AP1 ES reported the loss of suitable habitats for badger in the form of hedgerows, grassland and woodlands throughout the South Cheshire area which offer foraging and sett building opportunities for badger. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on badger but remains a local/parish level effect.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA5 South Cheshire	Additional land required for two utility compounds at Newcastle Road and Chorlton Lane (AP2-005-011)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for polecat in the form of agricultural land, hedgerows and woodland throughout the South Cheshire area that are likely to be used by polecat for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on polecat but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land required for two utility compounds at Newcastle Road and Chorlton Lane (AP2-005-011)	Species: Harvest mouse	Potential harvest mouse populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for harvest mouse in the form of hedgerows, arable, rough grassland and woodland edge habitats throughout the South Cheshire area that are likely to be used by harvest mouse for shelter and foraging habitats. The land required for the amendment will result in the loss of additional suitable habitats. This represents a different effect on harvest mouse but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land required for two utility compounds at Newcastle Road and Chorlton Lane (AP2-005-011)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for European hedgehog in the form of woodland, hedgerows, grassland and scrub throughout the South Cheshire area that are likely to be used by hedgehog for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on European hedgehog but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land required for two utility compounds at	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land	Construction	The main ES reported the loss of suitable habitats for brown hare in the form of farm land, grassland and woodland throughout the South Cheshire area that are likely to be used by brown hare for shelter and	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
	Newcastle Road and Chorlton Lane (AP2-005-011)		required for the amendment.		foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on brown hare but remains a local/parish level effect.	
CA5 South Cheshire	Additional land for a new diversion of a United Utilities water mains supply north of Heath Farm (AP2-005-101)	Habitat: Woodland	Lowland mixed deciduous woodland adjacent to Wychwood Golf Club and to the east of the WCML.	Construction	The main ES reported the permanent loss of 600m ² of lowland mixed deciduous woodland adjacent to Wychwood Golf Club and to the east of the WCML. The amendment will result in the additional permanent loss of 200m ² of lowland mixed deciduous woodland. This represents a different effect on lowland mixed deciduous woodland that is significant at local/parish level.	Yes
CA5 South Cheshire	Additional land for a new diversion of a United Utilities water mains supply north of Heath Farm (AP2-005-101)	Species: Badger	At least five social groups identified within undisclosed locations throughout the South Cheshire area	Construction	The main ES as amended by SES1 and AP1 ES reported the loss of suitable habitats for badger in the form of hedgerows, grassland and woodlands throughout the South Cheshire area which offer foraging and sett building opportunities for badger. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on badger but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land for a new diversion of a United Utilities water mains supply north of Heath Farm (AP2-005-101)	Species: Polecat	Potential polecat populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for polecat in the form of agricultural land, hedgerows and woodland throughout the South Cheshire area that are likely to be used by polecat for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on polecat but remains a local/parish level effect.	Yes

CA (number and name)	AP2 amendment	Habitat, species or species/group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed? (Yes/No)
CA5 South Cheshire	Additional land for a new diversion of a United Utilities water mains supply north of Heath Farm (AP2-005-101)	Species: European hedgehog	Potential European hedgehog populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for European hedgehog in the form of woodland, hedgerows, grassland and scrub throughout the South Cheshire area that are likely to be used by hedgehog for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on European hedgehog but remains a local/parish level effect.	Yes
CA5 South Cheshire	Additional land for a new diversion of a United Utilities water mains supply north of Heath Farm (AP2-005-101)	Species: Brown hare	Potential brown hare populations using suitable habitats present within the land required for the amendment.	Construction	The main ES reported the loss of suitable habitats for brown hare in the form of farm land, grassland and woodland throughout the South Cheshire area that are likely to be used by brown hare for shelter and foraging habitats. The land required for the amendment will result in a reduction in the loss of suitable habitats. This represents a different effect on brown hare but remains a local/parish level effect.	Yes

3 References

HS2 Ltd (2019), *High Speed Two (HS2) Phase 2a (West Midlands - Crewe), Background Information and Data to accompany Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement*. Available online at:

<https://www.gov.uk/government/organisations/high-speed-two-limited>.

HS2 Ltd (2018), *High Speed Two (HS2) Phase 2a (West Midlands - Crewe), Background Information and Data to accompany Supplementary Environmental Statement and Additional Provision Environmental Statement, Supplementary ecological baseline data*. Available online at:

<https://www.gov.uk/government/publications/hs2-phase-2a-background-information-and-data-supplementary-ecological-and-biodiversity-march-2018>.

HS2 Ltd (2017), *High Speed Two (HS2) Phase 2a (West Midlands-Crewe), Environmental Statement*. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2a-environmental-statement>.

HS2 Ltd (2017), *High Speed Two (HS2) Phase 2a (West Midlands - Crewe), Environmental Impact Assessment Scope and Methodology Report, Environmental Statement, Volume 5: Appendix CT-001-001*. Available online at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/627187/E23_EIA_SMR_CT-001-001_WEB.pdf.

HS2 Ltd (2017), *High Speed Two (HS2) Phase 2a (West Midlands - Crewe), Environmental Impact Assessment Scope and Methodology Report Addendum, Environmental Statement, Volume 5: Appendix CT-001-002*. Available online at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/627188/E24A_CT-001-002_Part_1_WEB.pdf and https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/627189/E24-B_CT-001-002_Part_B_WEB.pdf.

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