Table ES13.1

Summary of residual ecological effects and proposed further mitigation, protection and enhancement

Ecological feature	Proposed mitigation, protection and enhancement	Residual effect
Collyweston Great Wood and Easton Hornstocks SSSI and NNR.	Provision of a wide RPA managed to provide habitat for many woodland plants and animals. Measures to prevent dust and to control water movements.	Significant positive.
Fineshade Woods LNR.		Significant positive.
Short-term loss of two short lengths of species-poor hedgerows, important for reptiles; eventual loss of both hedgerows	Protection and enhancement of off-site hedgerows in advance; retention of at least half of the central hedgerow and western hedgerow for as long as possible and replacement with three east-west species-rich hedgerow corridors, with additional connectivity through the restoration plan.	Phased loss of two existing hedgerows, advance provision of new and gapped-up hedgerows and long-term significant positive effect on restoration.
Site Margins	Enhancement through management to create increased and improved habitat for invertebrates and herpetofauna and improved foraging for other mammals.	Significant positive.

Ecological feature	Proposed mitigation, protection and enhancement	Residual effect
Great Crested Newts	Erection of protective fence before works start to prevent death or injury.	Significant positive.
Common amphibian assemblage	Enhanced management of the marginal grassland to provide improved and increased habitat for invertebrates and herpetofauna.	Significant positive.
Adders	Creation during the course of the works, of three new east-west corridors to provide movement and foraging areas for adders. Retention of at least half of the current central hedgerow, managed as suitable adder habitat until at least two new corridors are functioning. Enhanced management of the marginal grassland to provide improved and increased habitat for herpetofauna.	Significant positive.
Bat assemblage	Retention of at least half of the current east-west hedgerow to provide commuting habitat for bats. Creation of three new east-west corridors to provide commuting and foraging habitat for bats. Enhanced management of the marginal grassland to provide improved and increased habitat for invertebrates.	Significant positive.