

CONSTRUCTION ECOLOGICAL
MANAGEMENT PLAN

BRICKWORTH QUARRY SANDLAND
EXTENSION, WHITEPARISH, WILTSHIRE

BY

stark ecology^{ltd}

MAY 2026

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INTRODUCTION

Stark Ecology Ltd has been commissioned by Raymond Brown Quarry Products Ltd to produce a Construction Environmental Management Plan (CEMP) to inform quarry operations in a field (known as Sandland) to the north of current operations at Brickworth Quarry. This CEMP has been prepared to support the planning application for these extension works.

Site Location and Description

The site is located at OS Grid Reference SU226234 and comprises a predominantly arable/grassland field parcel to the north which is bounded along the eastern boundary by the access road to the quarry. This northern parcel comprises the area known as Sandland. The southern area of the site is part of the existing active quarry site, and as such a CEMP already exists for this area, see Construction Environment Management Plan, June 2017, Raymond Brown Quarry Products. See Figure 1 for site boundary and location.

Brickworth Quarry lies to the west of White Parish and is surrounded by predominantly arable farmland to the north and woodland to the south, with the A36 road running around 70m along the eastern boundary.

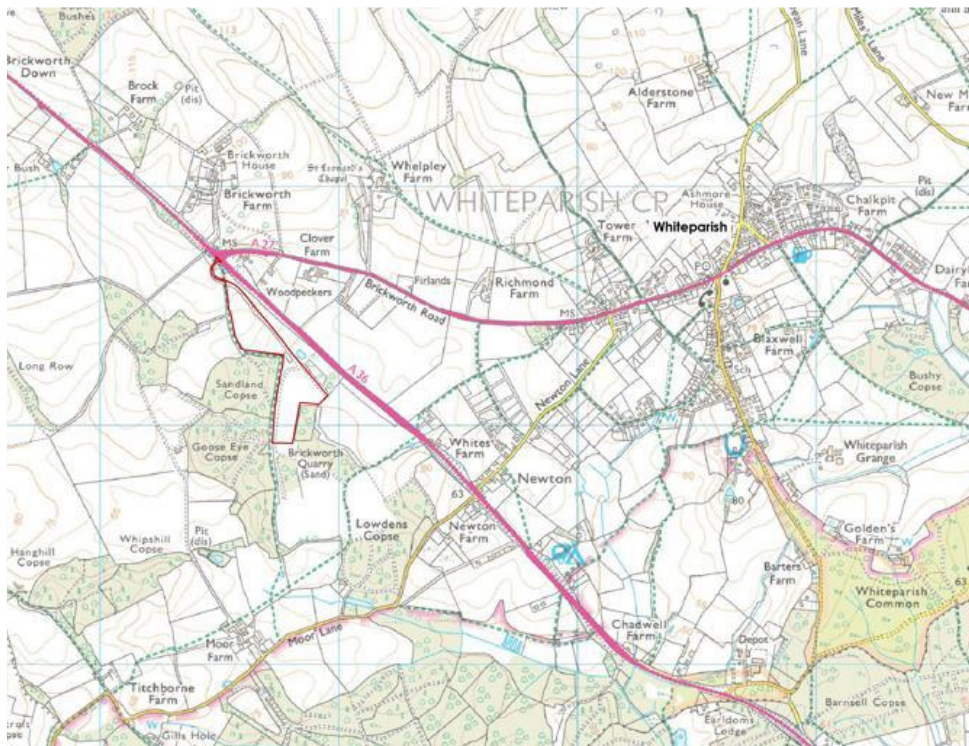


Figure 1: Site Location Plan with site boundary. The Sandland extension area lies in the northern parcel and existing quarry area and haul road in the south.

Development Description

The development will entail the clearance of the central part of the Sandland parcel to make way for quarrying activities (see Figure 2). The grassland immediately to the south of the extraction area will also be cleared to allow for site access. Upon completion of extraction works, the site will be reinstated in accordance with the agreed restoration plan. All other habitat will be retained and protected throughout.



Figure 2: Site plan and habitat map showing quarry extraction area (red hatching)

Planning Context

The full planning application for the quarrying works in the Sandland area is currently underway. This CEMP has been requested as part of the application to detail how site clearance and quarrying activities will be conducted with no negative impact upon retained ecological habitats and features.

This report details a Construction Ecological Management Plan (CEMP) to satisfy this request. It sets out management measures to guide the implementation of

development proposals. The measures described will also support compliance with applicable nature conservation legislation during development of the site.

This CEMP has been informed by the following documents, which should be referred to in conjunction with this report:

- Arboricultural Impact Assessment and Method Statement. Brickworth Quarry, Whiteparish, Wiltshire, Phase 9 – Sandland. Wessex Woodland Management Ltd.
- Brickworth Quarry, Whiteparish, Wiltshire. Construction Environment Management Plan, June 2017, Raymond Brown Quarry Products.
- Preliminary Ecological Appraisal and Ecological Impact Assessment, Sandlands, Brickworth Quarry, Wiltshire. February 2026, Stark Ecology Ltd.
- Sandland Extension Brickworth Quarry, Restoration Scheme. David Jarvis Associates, August 2025.

Responsible Parties

Raymond Brown Quarry Products Ltd are to be responsible for the implementation of this CEMP and shall liaise with the Ecological Clerk of Works (ECoW) to commission and arrange an ecologist's input or site attendance, as required.

Should management on the site change, new personnel will be made aware of and action this CEMP.

An ECoW is required to support the development and ensure that Raymond Brown Quarry Products Ltd adhere to the requirements of this CEMP. Ecological queries should be directed to Stark Ecology Ltd, who will act as the ECoW for the site.

The ECoW will be responsible for delivering the prescriptions requiring ecological expertise during construction and will assist Raymond Brown Quarry Products Ltd in their adherence to the requirements of this CEMP.

Table 1: Contact details.

Company	Name & Position	Address	Contact Details
Raymond Brown Quarry Products Ltd	Mark Renault Quarry Manager	Brickworth Quarry, Whiteparish, Wiltshire, SP5 2QE	[REDACTED] [REDACTED]
Stark Ecology Ltd	Georgie Starkie Principal Ecologist	80 High Street, Sutton Veny, Wiltshire, BA12 7AW	[REDACTED] [REDACTED]

ECOLOGICAL RISK ASSESSMENT

Table 2: Risk assessment of potentially damaging construction activities.

Ecological Feature	Description/Comments	Risk Assessment	Risk Avoidance Measures	Sensitive Timing	Responsibility
<i>Habitats</i>					
Bracken	There is a narrow strip of bracken running under the tree canopy along the western site boundary. No bracken will be removed as a result of the works.	Accidental killing/injury of wildlife using the cropland during clearance.	BPZ Protection Fencing (see Method Statement 1)	BPZ fencing to be installed prior to commencement of site clearance and quarrying activities.	Raymond Brown Quarry Products Ltd
Cropland	The majority of the area of cropland will be removed in the course of site clearance and quarrying activities. The Preliminary Ecological Appraisal identified that the cropland may provide foraging/commuting habitat for a range of species including badger and reptiles, and provides suitable habitat for ground-nesting birds.	Accidental killing/injury of wildlife using the cropland during clearance.	Sensitive grassland/cropland clearance (see Method Statement 2)	Removal of cropland to be completed outside nesting season (March to August, inclusive), or under ecological supervision.	Raymond Brown Quarry Products Ltd ECoW to supervise cropland and grassland removal if carried out between March and August (inclusive).

Ecological Feature	Description/Comments	Risk Assessment	Risk Avoidance Measures	Sensitive Timing	Responsibility
Other neutral grassland	There is an area of grassland lying within the southern corner of the Sandland parcel. This grassland will be cleared for extraction and site access. As with the adjacent cropland, the grassland was considered to have potential to support commuting and foraging fauna, and ground nesting birds.	Accidental killing/injury of wildlife using the grassland during clearance.	Sensitive grassland/cropland clearance (see Method Statement 2)	Removal of impacted grassland area to be completed outside nesting season (March to August, inclusive), or under ecological supervision.	Raymond Brown Quarry Products Ltd ECoW to supervise grassland removal if carried out between March and August (inclusive).
Planted mixed woodland	There is an area of young woodland running along the southern boundary of the northern parcel. This was planted as part of mitigation measures for previous quarrying works and is currently fenced off from other areas.	Disruption/disturbance of wildlife using the verge.	Containment of works within existing fencing	BPZ fencing to be installed prior to commencement of site clearance and quarrying activities.	Raymond Brown Quarry Products Ltd
Road verge: Dense scrub and other	The road verge running north-south along the eastern boundary comprises dense	Disruption/disturbance of wildlife using the verge. Impacts to	BPZ Protection Fencing (see Method	BPZ fencing to be installed prior to commencement of	Raymond Brown Quarry Products

Ecological Feature	Description/Comments	Risk Assessment	Risk Avoidance Measures	Sensitive Timing	Responsibility
neutral grassland	scrub and trees in the north, and grassland in the south. This will be retained during the works and is already protected by existing fencing.	retained trees via compaction/ damage to roots as a result of site clearance and quarry activities.	Statement 1) Containment of works within existing fencing	site clearance and quarrying activities.	Ltd
<i>Species</i>					
Bats (foraging and commuting)	The habitats within the site boundary are of limited suitability for foraging bats, with some potential over the central cropland/ grassland area. The edge habitats provide potentially important commuting corridors for bats.	Disruption to foraging and commuting routes leading to adverse impacts on the local bat population.	BPZ Protection Fencing (see Method Statement 1) Containment of works within existing fencing Precautionary Site management (Method Statement 3)	BPZ fencing to be installed prior to commencement of site clearance, demolition or construction activities.	Raymond Brown Quarry Products Ltd
Badger	No badger setts have been found at the site and no other evidence of activity by badgers has been recorded within the Sandland area. However badgers are known to be present in the vicinity of	Accidental disturbance to badgers commuting and foraging through the site.	Precautionary Site management (Method Statement 3)	Not seasonally constrained.	Raymond Brown Quarry Products Ltd

Ecological Feature	Description/Comments	Risk Assessment	Risk Avoidance Measures	Sensitive Timing	Responsibility
	the site and the cropland/ grassland provides potentially suitable habitat for foraging and commuting badger as they move through the wider landscape.				
Hazel dormouse	Dormice are known to be present in the woodland habitat within the wider Brickworth Quarry site. The habitats within the extraction area are not suitable to support dormice, however they may be present on immediately adjacent habitat, namely bracken and within woodland and scrub.	Accidental killing/injury of animals in immediately adjacent habitat	BPZ Protection Fencing (see Method Statement 1)	BPZ fencing to be installed prior to commencement of site clearance, demolition or construction activities.	Raymond Brown Quarry Products Ltd
Great crested newt and other amphibians	There is a pond lying approximately 60m south-east of the northern parcel and great crested newt is known to be present within the wider landscape. The	Accidental harm to great crested newt and other amphibians as a result of site clearance (cropland and	BPZ Protection Fencing (Method Statement 1) Sensitive grassland clearance (Method	BPZ fencing to be installed prior to commencement of site clearance, demolition or construction	Raymond Brown Quarry Products Ltd Site to be registered under DLL for

Ecological Feature	Description/Comments	Risk Assessment	Risk Avoidance Measures	Sensitive Timing	Responsibility
	grassland/cropland and field margins within the Sandland parcel are considered suitable to support great crested newt and other amphibians when commuting across terrestrial habitat.	grassland). Due to the risk of harm to great crested newt, the scheme will be registered under District Level Licensing (DLL).	Statement 2) Precautionary Site management (Method Statement 3)	activities. Habitat clearance not seasonally constrained but a progressive mowing regime will need to be implemented if cleared between April and September (inclusive) to protect amphibians.	great crested newt and this CEMP will accompany a Reasonable Avoidance Methods Method Statement (RAMS) to protect great crested newts from harm. ECoW to supervise cropland/grassland removal if carried out between March and August (inclusive).
Reptiles	The site supports limited suitable habitat for common reptile species for basking and foraging within the grassland and field margins.	Accidental harm to reptiles as a result of site clearance (cropland and grassland).	BPZ Protection Fencing (Method Statement 1) Sensitive grassland clearance (Method Statement 2)	BPZ fencing to be installed prior to commencement of site clearance, demolition or construction activities.	Raymond Brown Quarry Products Ltd ECoW to supervise cropland/grassland removal if carried out between March

Ecological Feature	Description/Comments	Risk Assessment	Risk Avoidance Measures	Sensitive Timing	Responsibility
				Habitat clearance not seasonally constrained but a progressive mowing regime will need to be implemented if cleared between April and September (inclusive) to protect reptiles and amphibians.	and August (inclusive).
Nesting birds	There are no hedgerows, trees or scrub within the extraction area of the site. The cropland and grassland areas provide habitat for ground-nesting birds which have been observed on site.	Accidental damage/disturbance to nests and chicks	BPZ Protection Fencing (Method Statement 1) Sensitive grassland clearance (Method Statement 2)	BPZ fencing to be installed prior to commencement of site clearance, demolition or construction activities. Removal of cropland and grassland to be completed outside nesting season	Raymond Brown Quarry Products Ltd ECoW to supervise cropland and grassland removal if carried out between March and August (inclusive) and building demolition between March and

Ecological Feature	Description/Comments	Risk Assessment	Risk Avoidance Measures	Sensitive Timing	Responsibility
				(March to August, inclusive), or under ecological supervision.	September (inclusive).
Other mammals; deer, hedgehog, brown hare	The site provides suitable habitat for other mammals as they forage and commute through the wider landscape.	Accidental killing or injury to mammals Potential for mothers to abandon young if disturbed in peak breeding season. Clearance in winter risks harm to hibernating animals.	BPZ Protection Fencing (Method Statement 1) Sensitive grassland clearance (Method Statement 2) Precautionary Site management (Method Statement 3)	BPZ fencing to be installed prior to commencement of site clearance, demolition or construction activities. Habitat clearance not seasonally constrained for these mammals.	Raymond Brown Quarry Products Ltd

BIODIVERSITY PROTECTION ZONES

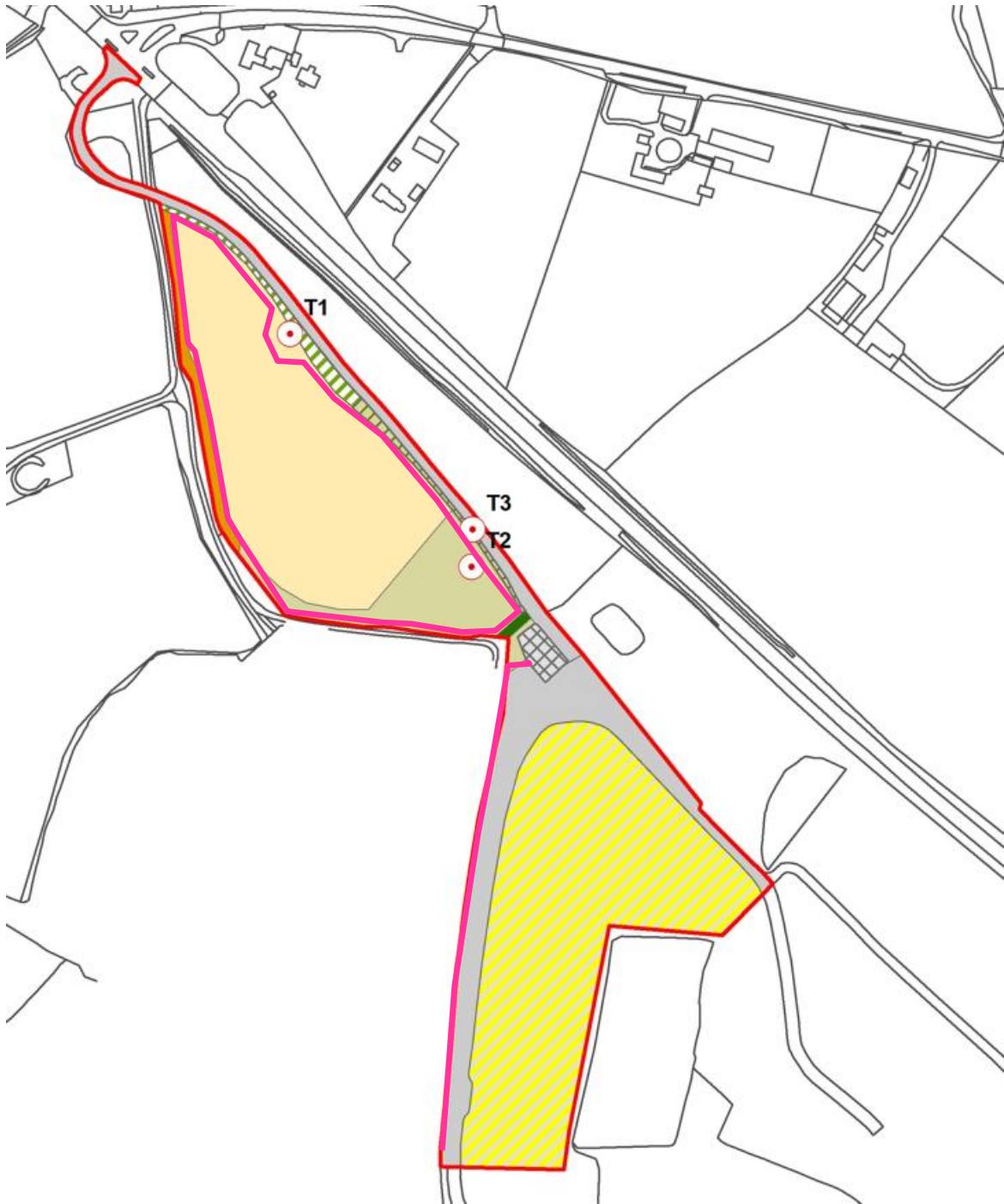


Figure 3: Protective fencing shown in pink and to be installed as set out in Method Statement 1. Plan based on the Arboricultural Impact Assessment and Method Statement, Wessex Woodland Management Ltd.

Signage to be erected at regular intervals informing personnel of the following:

Biodiversity and Tree Protection Zone

No access

This fence must not be altered or amended without prior agreement with the Ecological Clerk of Works (ECoW)

METHOD STATEMENTS

1. Biodiversity Protection Zone (BPZ) Fencing

The BPZ will be delineated by Heras fencing, or similar, in accordance with the British Standard 5837:2012. It will be marked with weather-proof signage (minimum A4 size) stating “Biodiversity and Tree Protection Zone. No access. This fence must not be altered or amended without prior agreement with the Ecological Clerk of Works (ECoW)”

No site personnel or machinery shall enter the BPZ and no equipment or materials will be stored in these areas.

The fencing is to be installed prior to the commencement of ground works, including demolition and site clearance, and will remain in place until the development is completed and all machinery and materials have been removed from the site.

The BPZ will prevent site clearance, demolition and construction activities from resulting in physical damage to areas of sensitive habitat and species outside the construction area and will also protect retained trees, in accordance with the Arboricultural Impact Assessment and Method Statement produced by Wessex Woodland Management Ltd.

The position of the BPZ fencing will be inspected by the ECoW on installation to ensure it complies with the correct specification and is in the correct location.

2. Sensitive Grassland Clearance

If initial site works are to be carried out over the spring and summer months, when great crested newt and other amphibians, reptiles, hedgehogs and nesting birds are active and could be present within the cropland and grassland in the works area, the following approach to site preparation is recommended in order to avoid negative impacts on them.

The cropland and grassland should be cleared outside of the bird nesting season (March-August inclusive) if possible. If this clearance must be carried out between these months, it will require supervision from the ECoW. The ECoW will visit the site no more than 48 hours prior to clearance to carry out an inspection of the area of which is to be removed for evidence of nests (active or under construction). Where active nests (or nests under construction) are found, a buffer zone of at least 5m (actual distance dependent on species and nest location) will be created around the nest, the buffer maintained and not disturbed until all chicks have fledged (as confirmed by the ECoW). Work can recommence when the ECoW has confirmed that the nest is no longer in use.

Prior to any works commencing, and before any delivery of materials for the works, all vegetation in the works area should be progressively mown to gradually reduce the length and density of the vegetation on site. The final cut should be as close to the ground as possible without scouring. Progressive mowing carried out over several days will encourage any reptiles and amphibians present to move out of the construction zone into surrounding retained habitat. Once the vegetation has been mown to ground level it must be kept close mown until works on site are complete. If the vegetation is allowed to re-grow reptiles may move back onto the construction zone and a progressive mowing regime should be reinstated to prevent harm to animals that have returned.

The areas of cropland and grassland do not provide opportunities for hibernating reptiles, amphibians or hedgehogs. There are no constraints to grassland clearance works in the construction zone being carried out over the winter months.

3. Precautionary Site management

Should wildlife (e.g. badgers, other mammals (deer, hedgehog, brown hare) and great crested newt, other amphibians and reptiles) be using the site for foraging/commuting, there is a risk that any passing animals could be trapped/injured or harmed within the works area, in contravention of applicable legislation (Protection of Badgers Act, 1992; Wild Mammals (Protection) Act, 1996, Conservation of Habitats and Species Regulations 2017, Wildlife and Countryside Act 1981).

The following precautions will therefore be introduced to protect any mammals which may be using the site during clearance and quarrying works:

- night-time working will be avoided minimising the potential for disturbance during the nocturnal activity period;
- any excavations of greater than 0.5 m in depth and pipework will be covered overnight or suitable escape routes provided, to prevent potential entrapment of passing animals. Escape routes will take the form of planks of wood, or other available site materials placed into depressions on a shallow incline, creating a ramp which animals can climb to safety; and
- construction machinery and any chemicals/fuel which is kept at the site will be safely and securely stored overnight, preventing access/injury to any passing animals.

In the unlikely event of a badger becoming trapped or injured during construction the ECoW and/or the RSPCA must be called immediately and the appropriate action undertaken.

If a great crested newt or other mammal is found during construction, the ECoW will be contacted immediately. The animal will be moved into retained, safe habitat outside the construction area (in the BPZ) but if there are any concerns that the animal may be injured or unwell, or that it has been disturbed during the hibernation period, the nearest wildlife rescue centre will be contacted immediately for advice.

MONITORING AND COMPLIANCE

The ECoW (Stark Ecology Ltd) will visit the site every 3 months throughout the site clearance and construction phases to carry out a check of the ecological protection measures and to ensure compliance with this CEMP. A report of these visits will be provided and will be submitted by Raymond Brown Quarry Products Ltd to the Local Planning Authority on site completion.

SUMMARY OF ACTIONS – ANNUAL WORKS SCHEDULE

The below Work Schedule summarises construction phase avoidance, mitigation and enhancement measures for the Site and their associated timings.

Ecological Feature	Task	Timing (Month)											
		J	F	M	A	M	J	J	A	S	O	N	D
Foraging/ commuting bats	Implement best practice environmental working methods as detailed under above CEMP.	Throughout construction.											
Badger	Implement best practice environmental working methods as detailed under above CEMP.	Throughout construction.											
Dormouse	Implement best practice environmental working methods as detailed under above CEMP.	Throughout construction.											
Great crested newt, reptiles and amphibians	Grassland clearance	Optimal	Optimal	Suboptimal	Suboptimal	Suboptimal	Suboptimal	Suboptimal	Suboptimal	Suboptimal	Optimal	Optimal	Optimal
Ground nesting birds	Removal of grassland outside bird breeding season.	Optimal	Optimal	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Optimal	Optimal	Optimal
	Ecological Watching Brief required for grassland clearance and active breeding season.	Not required	Not required	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Suboptimal	Not required	Not required	Not required

 Optimal timing for works/works required

 Works may be required/ possible, but conditions may be suboptimal – seek ecological advice

 Not required/conditions suboptimal, works not recommended

REFERENCES

Arboricultural Impact Assessment and Method Statement. Brickworth Quarry, Whiteparish, Wiltshire, Phase 9 – Sandland. Wessex Woodland Management Ltd.

Brickworth Quarry, Whiteparish, Wiltshire. Construction Environment Management Plan, June 2017, Raymond Brown Quarry Products.

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