



Lime Down

Solar Park

Mitigation Route Map (Clean)

October 2026

Revision 2

Planning Inspectorate Reference: EN010168

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The Infrastructure Planning (Examination Procedure) Rules 2010



Schedule of Changes

Revision	Section Reference	Description of Changes	Reason for Revision
2	Document-wide	Incorporation of additional embedded mitigation measures introduced within ES Volume 1, Chapters 7 to 20 during Examination.	This document has been updated at Deadline 7 in response to requests made by the ExA.
	Document-wide	Table and page references have been included under the relevant Requirement document to provide a clear audit trail of where each commitment measure is secured in response to ISH7 ExA Hearing actions.	This document has been updated at Deadline 7 in response to requests made by the ExA.
	Document-wide	Requests made by the ExA during Issue Specific Hearings 7 and 9.	This document has been updated at Deadline 7 in response to requests made by the ExA and Wiltshire Council during Hearings.

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1 Mitigation Route Map

1.1 Introduction

Background

- 1.1.1 This document has been prepared in response to question GCT1.6 from the Examining Authority (ExA) which stated “The Applicant is required to provide a single document containing a mitigation route map of the controls and mitigation measures that have been identified across a number of documents, which the Environmental Statement and related control documents rely on to avoid, reduce and/ or offset significant impacts of the development. The route map should set out the specific impact requiring mitigation and the effect to be achieved (purpose of the mitigation), and the way in which the mitigation measures have been, or would be, translated into clear and enforceable controls, either via DCO Requirements, protective provisions, s106 obligations, other consent regimes, or side agreements between the Applicant and a third party.”

Purpose

- 1.1.2 This environmental mitigation route map does not have a formal status, but rather is intended to help the ExA and Interested Parties to understand how mitigation, relied on in the ES and related documents is secured in the DCO.

Guide to this document

- 1.1.3 An overview of the various controls that will be used to secure environmental mitigation commitments relied on in the ES and related documents is presented in tabular format in Section 2. The table states how each of the controls is legally secured.
- 1.1.4 An overview of the individual commitments relied on in the ES is presented and the relevant control by which each commitment is secured is identified in Section 3. These are presented in a common format as a series of tables, one for each environmental topic area. This document thus serves to provide an audit trail showing how the commitments relied on in the ES are secured.
- 1.1.5 The detail of the commitments as recorded in the various control documents is not duplicated, as the purpose of the table is to present an accessible audit trail and also because of the risk of mirror documentation resulting in potential misunderstandings or errors as any commitments are further developed through the Examination. The Applicant would be pleased to be advised whether this formulation meets the requirements of the ExA.

2 Control Documents

2.1 Overview of the Control Plan

- 2.1.1 The control plan is the framework for mitigating, monitoring and controlling effects of the Project. It is made up of a series of 'control documents' which present the mitigation measures identified in the application (or as subsequently amended during the DCO Examination) that will be implemented during design, construction, operation and decommissioning to reduce the adverse effects of the Project.
- 2.1.2 In addition, the Consents and Agreements Position Statement (CAPS) [**APP-272**] identifies the consents and agreements that are expected to be needed by the Project and sets out the Applicant's intended strategy for obtaining these consents and agreements. The Contractor will obtain any consents required for specific construction activities in accordance with Schedule 2 (Requirements) of the draft DCO.
- 2.1.3 A diagram is provided at Plate 2-1 to illustrate how the individual control documents sit within the overall control plan framework.
- 2.1.4 Table 2-1 provides an overview of the various controls provided and the mechanism by which they are legally secured.

Plate 2-1: Control Plan

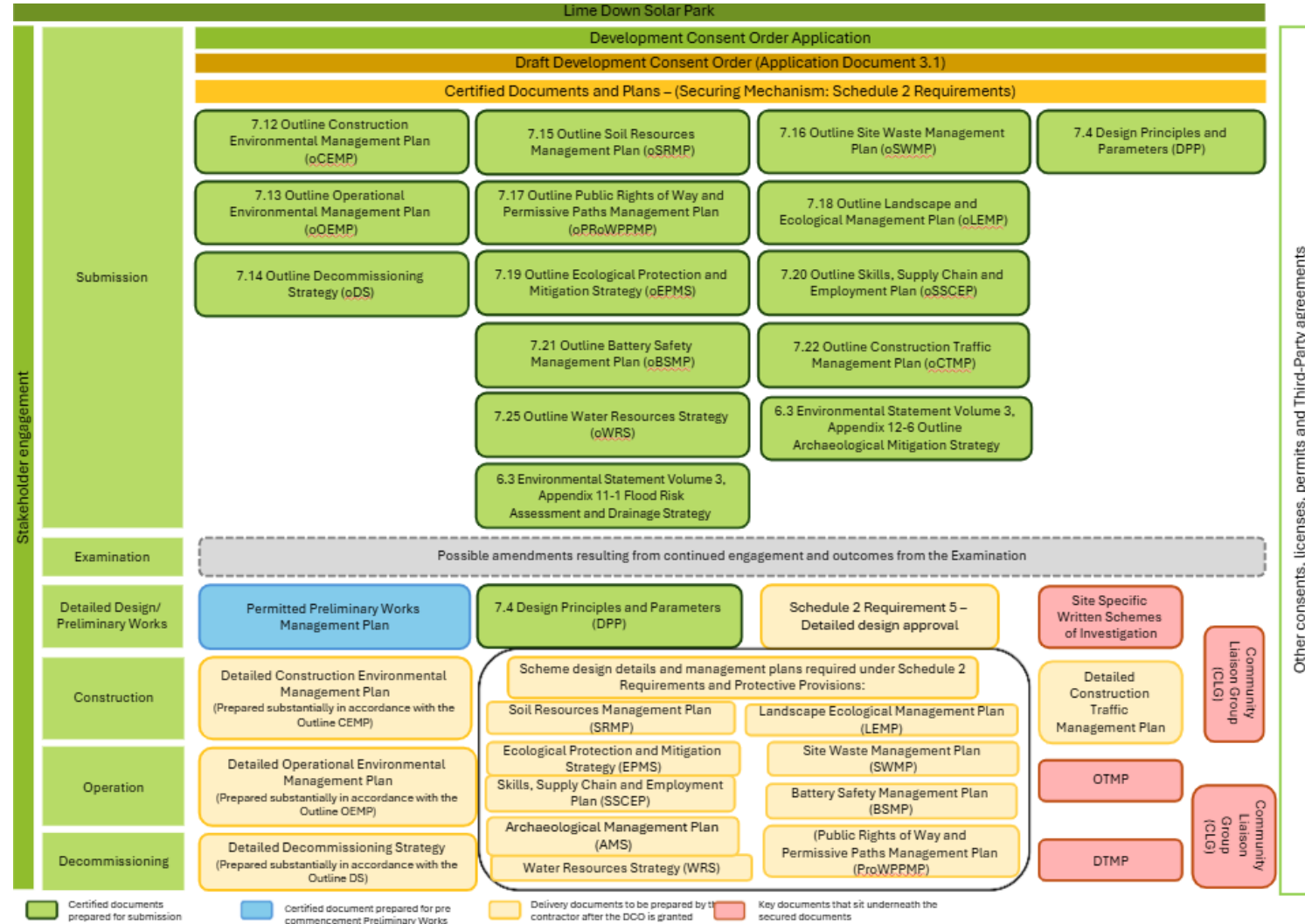


Table 2-1: Control Documents

The table below provides an overview of the various controls provided and the mechanism by which they are legally secured.

Control Document or External Control	Phase of Project	Controls Provided	Securing Mechanism
DCO			
Schedule 1 (Authorised Development) of the Draft DCO [REP6-005]	Design development	Schedule 1 (Authorised Development) lists the elements of the Scheme which would be authorised by the DCO and correspond with the work number areas shown on the Works Plan [REP6-004] .	Draft DCO Article 3
Schedule 2 (Requirements) and Schedule 16 (Procedure for Discharge of Requirements) of the Draft DCO [REP6-005]	All	Schedule 2 (Requirements) sets out the conditions the Applicant would be required to accord with when implementing the development. This secures the relevant parts of the Control Documents as set out below. Schedule 16 (Procedure for Discharge of Requirements) sets out the procedure for discharging requirements.	Draft DCO Article 3 and Article 47
Schedule 15 (Protective Provisions) of the Draft DCO [REP6-005]	All	Schedule 15 (Protective Provisions) includes provisions to protect the interests of various bodies (e.g. statutory undertakers) in the context of the Scheme. It is subdivided into: • Part 1 – For the Protection of Electricity, Gas, Water and Sewerage Undertakers • Part 2 – For the Protection of Operators of Electronic Communications Code Networks • Part 3 – For the Protection of National Grid Electricity Transmission PLC • Part 4 – For the Protection of National Gas Transmission PLC • Part 5 – For the Protection of National Highways • Part 6 – For the Protection of Railway Interests • Part 7 – For the Protection of Environment Agency • Part 8 – For the Protection of Exolum Pipeline System Limited	Draft DCO Article 45

Control Document or External Control	Phase of Project	Controls Provided	Securing Mechanism
		• Part 9 – For the Protection of Drainage Authorities • Part 10 – For the Protection of National Grid Electricity Distribution (South West) PLC as a Electricity Undertaker • Part 11 – For the Protection of the Local Highway Authority	
Relevant DCO Certified Documents			
Design Principles and Parameters [REP4-043]	Design development	The Design Principles and Parameters [REP4-043] sets out the design principles and parameters by which the Scheme has been designed, and the Environmental Impact Assessment has been undertaken. The Design Principles and Parameters [REP4-043] includes embedded mitigation measures have been incorporated into the Scheme design and apply to the detailed design of the Scheme, post consent.	Draft DCO Schedule 2 Requirement 5
Outline Battery Safety Management Plan [REP3-106]	Design development; Construction and Operation	The Outline Battery Safety Management Plan (Outline BSMP) [REP3-106] outlines the key fire safety provisions for the BESS proposed to be installed at Lime Down D, including measures to reduce BESS failure risks and mitigate credible failure incident scenarios. In addition, the Outline BSMP [REP3-106] provides a summary of the safety related information requirements which will be provided in advance of construction of the BESS. Prior to the commencement of construction of the BESS, the Applicant will be required to prepare a BSMP which must be in accordance with the Outline BSMP [REP3-106].	Draft DCO Schedule 2 Requirement 6
Outline Landscape and Ecological Management Plan [REP6-037]	Construction (main works); Operation and Maintenance	The Outline Landscape and Ecological Management Plan (Outline LEMP) [REP6-037] sets out a framework for the planting, management and monitoring of landscaping and ecological mitigation and enhancement habitats for the Scheme. The Outline LEMP [REP6-037] [should be read in conjunction with ES Volume 2, Figure 3-4: Landscape and Ecology Mitigation	Draft DCO Schedule 2 Requirement 7

Control Document or External Control	Phase of Project	Controls Provided	Securing Mechanism
		[REP6-009] and [REP5-040] to [REP5-042] and the Outline Ecological Protection and Mitigation Strategy [REP6-039]. Prior to the commencement of construction, a final version of the LEMP will be produced and must be substantially in accordance with the Outline LEMP [REP6-037].	
Outline Ecological Protection and Mitigation Strategy [REP6-039]	Construction	The Outline Ecological Protection and Mitigation Strategy (Outline EPMS) [REP6-039] sets out the ecological protection measures for undertaking construction works associated with the Scheme. The Outline EPMS [REP6-039] specifically deals with the protection of habitats and species during the construction phase, to include the construction of the Solar PV Panels (and associated access tracks and substations), BESS and installation of cabling within the Cable Route Corridor. Information relating to the management of other environmental issues such as traffic movements, compound locations, site welfare, working hours, services and noise has been provided separately within the Outline Construction Environmental Management Plan (Outline CEMP) [REP6-029] which should be read alongside this document. Prior to the commencement of construction, a final version of the EPMS will be produced and must be substantially in accordance with the measures and principle set out within the Outline EPMS [REP6-039].	Draft DCO Schedule 2 Requirement 8
Outline Landscape and Ecological Management Plan [REP6-037]	Design development; Construction and Operation	The Outline Landscape and Ecological Management Plan (Outline LEMP) [REP6-037] sets out the landscape and ecological management measures required for undertaking construction and operational works associated with the Scheme.	Draft DCO Schedule 2 Requirement 9

Control Document or External Control	Phase of Project	Controls Provided	Securing Mechanism
		Prior to the commencement of construction, a final version of the EPMS will be produced and must be substantially in accordance with the measures and principle set out within the Outline LEMP [REP6-037] . The BNG strategy will be developed as part of the detailed LEMP.	
ES Volume 3, Appendices 11-1 to 11-9: Flood Risk Assessment and Outline Drainage Strategy [REP4-021], [REP5-047] to [REP5-060] and [REP3-063]	All	ES Volume 3, Appendices 11-1 to 11-9: Flood Risk Assessment and Outline Drainage Strategy [REP4-021], [REP5-047] to [REP5-060] and [REP3-063] sets out measures in relation to surface water drainage management through SuDS, which are proposed to avoid increased flood risk from surface water and management of flow paths to ensure the Scheme remains safe throughout its lifetime. Prior to the commencement of construction, a detailed Drainage Strategy will be produced and must be substantially in accordance with the Outline Drainage Strategy (ES Volume 3, Appendices 11-1 to 11-9: Flood Risk Assessment and Outline Drainage Strategy [REP4-021], [REP5-047] to [REP5-060] and [REP3-063]).	Draft DCO Schedule 2 Requirement 11
ES Volume 3, Appendix 12-6: Outline Archaeology Mitigation Strategy [REP6-012]	Design development; Construction and Decommissioning	ES Volume 3, Appendix 12-6: Outline Archaeology Mitigation Strategy (Outline AMS) [REP6-012] details the overarching methodology for undertaking a programme of archaeological mitigation within the Scheme. Project Designs (Written Schemes of Investigation (WSI)) will be appended to the AMS for each phase of works. The Outline AMS [REP6-012] will be updated following the completion of the programme of archaeological evaluation which will inform decisions on the need for any further archaeological mitigation in areas affected by the Scheme not trenched during the pre-application evaluation works. Should this be required, the scope of any additional archaeological mitigation will be detailed in approved Project Design(s) in line with the mitigation methodology detailed in the Outline AMS [REP6-012], and these will be	Draft DCO Schedule 2 Requirement 12

Control Document or External Control	Phase of Project	Controls Provided	Securing Mechanism
		attached as addendum to this overarching Outline AMS [REP6-012] . The programme of archaeological evaluation investigation and any WSI must be substantially in accordance with the Outline AMS [REP6-012] .	
Outline Construction Environmental Management Plan [REP6-029]	Construction (main works)	The Outline CEMP [REP6-029] demonstrates how the mitigation measures relevant to construction activities included in the Environmental Statement will be implemented. It also sets out the monitoring and auditing activities designed to ensure that such mitigation measures are carried out and effective. Prior to the commencement of construction, a final CEMP will be produced and must be substantially in accordance with the Outline CEMP [REP6-029] .	Draft DCO Schedule 2 Requirement 13
Permitted Preliminary Works Environmental Management Plan [REP5-106]	Construction (permitted preliminary works)	The Permitted Preliminary Works Environmental Management Plan (PPW EMP) [REP5-016] describes the permitted preliminary works defined within Part 1 of the Draft DCO [REP6-005] , to be undertaken by the Contractor and to detail the relevant mitigation, management, and monitoring measures required to appropriately control these works. The PPW EMP [REP5-106] has been designed with the objective of compliance with the relevant environmental legislation and the mitigation measures set out within the Environmental Statement.	Draft DCO Schedule 2 Requirement 13
Outline Operational Environmental Management Plan [REP6-031]	Operation and Maintenance	The Outline Operational Environmental Management Plan (Outline OEMP) [REP6-031] ensures compliance with the relevant environmental mitigation measures set out within the Environmental Statement. It identifies how commitments made in the EIA will be translated into actions during operation and includes a process for implementing the actions through allocation of key roles and responsibilities.	Draft DCO Schedule 2 Requirement 14

Control Document or External Control	Phase of Project	Controls Provided	Securing Mechanism
		Prior to the operation of the Scheme, a detailed OEMP will be produced and must be substantially in accordance with the Outline OEMP [REP6-031] .	
Outline Construction Traffic Management Plan [REP6-041]	Construction (main works and permitted preliminary works) and Operation	The Outline Construction Traffic Management Plan (Outline CTMP) [REP6-041] provides a framework for the management of construction vehicle movements to and from the Order Limits, to ensure that the effect of the construction phase and operational and maintenance phase on the local highway network is minimised. Prior to the commencement of construction, a final CTMP will be produced and must be substantially in accordance with the Outline CTMP [REP6-041] .	Draft DCO Schedule 2 Requirement 15
Outline Public Right of Way and permissive Paths Management Plan [REP1-104]	Construction (main works); Operation; Maintenance and Decommissioning	The Outline Public Rights of Way (PRoW) and Permissive Paths Management Plan [REP1-104] provides a framework for the management of PRoW throughout the Order Limits. It aims to ensure that the PRoW network remains accessible and safe at all times throughout the construction, operation, maintenance and decommissioning phases of the Scheme. Prior to the commencement of construction, a final PRoW and Permissive Paths Management Plan will be produced and must be substantially in accordance with the Outline PRoW and Permissive Paths Management Plan [REP1-104] .	Draft DCO Schedule 2 Requirement 16
Outline Soil Resources Management Plan [REP6-035]	Construction (permitted preliminary works and main works); Operation; Maintenance and Decommissioning	The Outline Soil Resources Management Plan (Outline SRMP) [REP6-035] sets out the approach to managing social resources affected by the Scheme and measures to monitor and record activities. Prior to the commencement of construction, a detailed SRMP will be produced and must be substantially in accordance with the Outline SRMP [REP6-035] .	Draft DCO Schedule 2 Requirement 17

Control Document or External Control	Phase of Project	Controls Provided	Securing Mechanism
Outline Skills, Supply Chain and Employment Plan [REP3-104]	Construction (permitted preliminary works and main works); Operation; Maintenance and Decommissioning	The Outline Skills, Supply Chain and Employment Plan (Outline SSCEP) [REP3-104] sets out how the Applicant will commit to promoting competition, innovation and skills within the communities surrounding the Scheme and across the wider and neighbouring local authority areas. It describes the potential works, skills, equipment and services required to deliver the Scheme and the measures required to engage with relevant stakeholders. Prior to the commencement of construction, a final SSCEP will be produced and must be substantially in accordance with the Outline SSCEP [REP3-104] .	Draft DCO Schedule 2 Requirement 18
Outline Site Waste Management Plan [REP1-102]	Construction	The Outline Site Waste Management Plan (Outline SWMP) [REP1-102] sets out the standard good practice measures that will be implemented by the Principal Contractor to manage the waste generated by the construction of the Scheme. Prior to the commencement of construction, a detailed SWMP will be produced and must be substantially in accordance with the Outline SWMP [REP1-102] .	Draft DCO Schedule 2 Requirement 19
Outline Decommissioning Strategy [REP6-033]	Decommissioning	The Outline Decommissioning Strategy [REP6-033] demonstrates how the mitigation measures relevant to the decommissioning activities included within the Environment Statement will be implemented. It also sets out the monitoring and auditing activities designed to ensure that such mitigation measures are carried out and effective. Prior to the decommissioning of the Scheme, a detailed Decommissioning Strategy will be produced and must be substantially in accordance with the Outline Decommissioning Strategy [REP6-033] .	Draft DCO Schedule 2 Requirement 20
Other Controls			
Permits and Licences	Construction and	Multiple permits or licences will be required, for example:	Electricity Act 1989

Control Document or External Control	Phase of Project	Controls Provided	Securing Mechanism
	Operation	- Electricity generation licence (granted to the Applicant on 9 August 2024) - Water discharge permit for new surface water outfall - Permit for transportation of abnormal loads - Licencing for works affecting protected species Table 1 of the Consents and Agreements Position Statement [APP-272], ES Volume 3, Appendix 11-6 Flood Risk Assessment and Outline Drainage Strategy [REP5-055], the Outline CTMP [REP6-041] and the Outline EPMS [REP6-039] provides further details on the likely types of permits/ licencing required.	Environmental Permitting (England and Wales) Regulations 2016 Road Vehicles (Authorisation of Special Types) (General) Order 2003 or with authorisation from the Secretary of State under the Road Traffic Act 1988 Wildlife and Countryside Act 1981 The Conservation of Habitats and
Other consents	Construction	Section 61 Consent where appropriate for construction works and associated operations to control potential noise disruption	Control of Pollution Act 1974 Species Regulations 2017 (as amended), and the Protection of Badgers Act 1992
	Operation	Bilateral Connection Agreement to connect the Scheme to the National Electricity Transmission System (NETS). The connection offer was received by the Applicant in June 2021 (NGESO reference: A/IGP15/21/2302/1EN(0)) and allows for a Transmission Entry Capacity (TEC) of 500MW and a Demand Capacity of 250MW. This was entered into in July 2021. The Grid Connection Statement [APP-270] provides further detail of the grid connection agreement.	N/A – Commercial Agreement
	Construction	Building Regulations Approval will be sought from Wiltshire Council prior to and during construction (if required), in respect of buildings and structures required as part of the Scheme.	The Building Regulations 2010

Control Document or External Control	Phase of Project	Controls Provided	Securing Mechanism
	Construction	Health and Safety related consents to be sought by the contractor prior to construction.	Health and Safety at Work Act 1974 and subsidiary legislation
	Construction	Should intrusive work such as piling, drilling or surface loading be carried out, a permit will be required due to the Scheme's proximity to a registered mine shaft.	Coal Industry Act 1994
	Construction	Should certain quantities of hazardous substances (as set out in Schedule 1 to the Planning (Hazardous Substances) Regulations 2015), be required for the Scheme, Hazardous Substances consent will be sought.	The Planning (Hazardous Substances) Regulations 2015
	Construction	Consents required for works to street under Part 3 of the Draft DCO [REP6-005] .	Wiltshire Council Permit Scheme and South Gloucestershire Permit Scheme

3 Commitments Relied on in the ES

- 3.1.1 This section of the Mitigation Route Map is provided to demonstrate how the mitigation and controls identified within the DCO Application would be secured. It provides a comprehensive schedule of each measure, including:
- The mitigation measure and its source;
 - The objective of the measure;
 - Whether the mitigation is embedded or additional;
 - The relevant development phase in which the measure is to be implemented;
 - The mechanism through which the measure is secured; and
 - Any relevant monitoring requirements including any achievement criteria or reporting requirements.
- 3.1.2 Each commitment in Table 3-1 to Table 3-14 is identified from the mitigation proposed within the Environmental Statement along with the commitments set out within the **Design Principles and Parameters [REP4-043]**.
- 3.1.3 For each commitment, the securing mechanism is identified. The securing mechanism comprises the relevant DCO Requirement and/or Management Plan or Mitigation Strategy. The secured plans and strategies submitted with the DCO Application are:
- Outline Construction Environmental Management Plan (CEMP);
 - Outline Operational Environmental Management Plan (OEMP);
 - Outline Decommissioning Strategy (DS);
 - Outline Landscape Ecological Management Plan (LEMP);
 - Outline Ecological Protection and Mitigation Strategy (EPMS);
 - Outline Soil Resources Management Plan (SRMP);
 - Outline Battery Safety Management Plan (BSMP);
 - Outline Skills, Supply Chain and Employment Management Plan (SSCEMP);
 - Outline Construction Traffic Management Plan (CTMP);
 - Outline Public Rights of Way and Permissive Paths Management Plan (PRoWPPMP); and
 - ES Volume 2 Figures 4-4-3.1 to 3-4-5.4 Landscape and Ecology Mitigation Plans.

- 3.1.4 Other control mechanisms include the **Works Plans [EN010168/APP/2.3 (Rev 4)]** and the requirement for approval of detailed design which secures the **Design Principles and Parameters [REP4-043]**.
- 3.1.5 While the **PPW EMP [EN010168/EXAM9.63]** is a secured document in the DCO, it does not contain any commitments relied upon in the ES and therefore the matters set out within the PPW EMP are not reflected in the commitments in Table 3-1 to Table 3-14 below.

Table 3-1: Climate Change

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Climate Change [EN010168/APP/6.1]	The Considerate Constructors Scheme (CCS) would be adopted.	Reducing Greenhouse Gas (GHG) impact on waste.	Embedded	Construction	To be confirmed in detailed CEMP(s).	Requirement 13 Construction environmental management plan (Table 1, page 11)
Climate Change [EN010168/APP/6.1]	Regular planned maintenance of construction plant and machinery would be conducted.	Reducing GHG emissions from construction traffic and equipment.	Embedded	Construction, Decommissioning	To be confirmed in detailed CEMP(s) and Decommissioning Strategy.	Requirement 13 Construction environmental management plan (Table 1, page 11) Requirement 20 Decommissioning and restoration (Table 1, page 13)
Climate Change [EN010168/APP/6.1]	Reduction of vehicle emissions would be controlled by: - Encouraging use of lower carbon modes of transport; - Switching vehicles and plant off when not in use and ensuring vehicles conform to current applicable EU	Reducing GHG emissions from construction traffic and equipment.	Embedded	Construction, Decommissioning	To be confirmed in detailed CEMP(s) and Decommissioning Strategy.	Requirement 13 Construction environmental management plan (Table 1, page 12) Requirement 20 Decommissioning and restoration (Table 1, page 12)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	emissions standards adopted by the UK; and Implementation of a shuttle bus for construction workers.					
Climate Change [EN010168/APP/6.1]	Tracker panel units would be mounted on raised frames (a minimum of 0.4 meters when on maximum rotation angle) and fitted with a tracking system.	To avoid flooding associated with Climate Change – more detail in Chapter 11 [EN010168/APP/6.1]	Embedded	Operation	To be confirmed in detailed OEMP.	Requirement 5 Detailed design approval Requirement 14 Operational environmental management plan (Table 1, page 11)
Climate Change [EN010168/APP/6.1]	Associated electrical infrastructure have been sequentially located to areas with a 'Low' probability of flooding, where practicable.	To avoid flooding associated with Climate Change – more detail in Chapter 11 [EN010168/APP/6.1]	Embedded	Operation	To be confirmed in detailed OEMP.	Requirement 14 Operational environmental management plan (Table 1, page 11)
Climate Change [EN010168/APP/6.1]	Less-flood sensitive infrastructure has been sequentially located outside the 1 in 100 plus climate change annual probability	To avoid flooding associated with Climate Change – more detail in	Embedded	Operation	To be confirmed in detailed OEMP.	Requirement 14 Operational environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	extent, or where this is not practicable, restricted to areas which would experience less than 1m depth of flooding during the same event.	Chapter 11 [EN010168/APP/6.1]				management plan (Table 1, page 11)
Climate Change [EN010168/APP/6.1]	Solar PV Panels would be elevated by the legs so that it is no less than 0.6 metres above the 0.1% Annual Exceedance Probability flood level.	To avoid flooding associated with Climate Change – more detail in Chapter 11 [EN010168/APP/6.1]	Embedded	Operation	To be confirmed in detailed OEMP.	Requirement 5 Detailed design approval Requirement 14 Operational environmental management plan (Table 1, page 12)
Climate Change [EN010168/APP/6.1]	The BESS would include heating, ventilation and cooling (HVAC) systems.	To avoid impacts from extreme weather events associated with climate change	Embedded	Operation	To be confirmed in detailed OEMP.	Requirement 5 Detailed design approval Requirement 14 Operational environmental management plan (Table 1, page 13)
Climate Change [EN010168/APP/6.1]	Equipment cooling systems would be used where necessary.	To avoid impacts from extreme weather events	Embedded	Operation	To be confirmed in detailed OEMP.	Requirement 14 Operational Environment

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
		associated with climate change				Management Plan (Table 1, page 13)
Climate Change [EN010168/APP/6.1]	Working practices and equipment would be based on current weather conditions.	To avoid impacts from extreme weather events associated with climate change	Embedded	Construction, Operation	To be confirmed in detailed CEMP and detailed OEMP.	Requirement 13 Construction environmental management plan (Table 1, page 13) Requirement 14 Operational Environment Management Plan (Table 1, page 13)
Climate Change [EN010168/APP/6.1]	Workers and resources would be protected from extreme weather conditions through appropriate PPE and working practices.	To avoid impacts from extreme weather events associated with climate change	Embedded	Construction, Operation	To be confirmed in detailed CEMP and detailed OEMP.	Requirement 13 Construction environmental management plan (Table 1, page 13) Requirement 14 Operational Environment Management Plan (Table 1, page 13)
Climate Change [EN010168/APP/6.1]	Weather forecasts, Environment Agency flood warnings, and local waterway	To avoid impacts from extreme weather events	Embedded	Construction, Operation	To be confirmed in detailed CEMP and detailed OEMP.	Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	water levels would be monitored.	associated with climate change				management plan (Table 1, page 13) Requirement 14 Operational Environment Management Plan (Table 1, page 13)

Table 3-2: Landscape and Visual

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Landscape and Visual [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on Landscape and Visual Amenity.	To avoid and reduce impacts and effects on Landscape and Visual Amenity.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.1.7) Requirement 13 Construction environmental management plan (Table 2, page 14) Requirement 14 Operational Environment Management Plan (Table 2, page 14)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Landscape and Visual [EN010168/APP/6.1]	Panels have been removed within the setting of the Cotswolds National Landscape in Sites A, B and C.	To avoid and reduce impacts and effects on the CNL.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.1.2) Requirement 13 Construction environmental management plan (Table 2, page 15) Requirement 14 Operational Environment Management Plan (Table 2, page 14)
Landscape and Visual [EN010168/APP/6.1]	Buffers have been embedded into the design of the Scheme. All hedgerows and woodland (15 m);	To avoid and reduce impacts and effects on Landscape and Visual Amenity.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 7 Landscape and

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	• A ditch of watercourse of any kind (8 m); • At least one of (10 m): ○ Signs of Otter or abundant evidence of Water Vole in the ditch of watercourse; and ○ Outlier badger setts. • Individual Trees and groups of trees (10 m unless a greater Root Protection Area (RPA) is required); • Ancient woodland (15 m); • Some minor watercourses (15 m); • Ponds (with no Great Crested Newts) (10 m); • At least one of (10 m):					ecological management plan (Table 5) Requirement 13 Construction environmental management plan (Table 2, page 15) Requirement 14 Operational Environment Management Plan (Table 2, page 15)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	○ Major watercourses; and ○ Main badger setts. • Ponds containing Great Crested Newts (50 m); • Bat roosts (to be specified following survey information); • Schedule 1 bird nests (to be specified following survey information); • Curtilage of Residential Properties (50 m); • PRow (15 m); • Internal Drainage Board (IDB) drain (15 m); • Services (6m minimum); • Scheme boundary (5 m); and					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	Internal offset from fence to panel (4 m minimum).					
Landscape and Visual [EN010168/APP/6.1]	Cable Route Corridor design work has been undertaken in order to retain, avoid and fully protect identified veteran trees by providing sufficient space to allow for open cut trenching around veteran tree buffer zones ensuring impacts to veteran trees are avoided.	Protect identified Veteran Trees within the Cable Route.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.1.6) Requirement 13 Construction environmental management plan (Table 2, page 16) Requirement 14 Operational Environment Management Plan (Table 2, page 17)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Landscape and Visual [EN010168/APP/6.1]	Avoidance areas have been included in the following locations: • A1 (northern and southern part), A11, A12; • B2, B3, B4, B5, B12; • C1, C2, C3, C4, C6, C8, C9 (part of), C20, C24, C25, C27, C28; • D9, D10; and • E8, E9, E10.	To avoid and reduce impacts and effects on Landscape and Visual Amenity. To avoid and reduce impacts and effects on the CNL.	Embedded	Operation	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.1.2) Requirement 13 Construction environmental management plan (Table 2, page 14) Requirement 14 Operational Environment Management Plan (Table 2, page 14)
Landscape and Visual [EN010168/APP/6.1]	The maximum height of the highest part of the tracking solar PV modules at its greatest inclination would be	Limiting the height of the Solar PV Panels to 4.5 m in height.	Embedded	Operation	Scheme is designed and operated as per requirement, contractor	Implementation of detailed design in accordance with the design principles,

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	4.5 m. The maximum height of the solar PV modules when horizontal would be 2.5 m. The maximum height of the highest part of the fixed solar PV modules will be 3.5 m.				to regularly review and oversee works.	and Requirement 5: Detailed design approval, and Requirement 14: Operational Environmental Management Plan (Table 2, page 16)
Landscape and Visual [EN010168/APP/6.1]	The installation of the BESS has been selected based on locations where a combination of existing screening and capacity for planting mitigation can reduce visual impacts.	To avoid and reduce impacts and effects on Landscape and Visual Amenity.	Embedded	Operation	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.1.7) Requirement 13 Construction environmental management plan (Table 2, page 15) Requirement 14 Operational Environment

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						Management Plan (Table 2, page 15)
Landscape and Visual [EN010168/APP/6.1]	Security lighting within the substations and BESS would be motion sensors.	To reduce the visual effect and impact of the Scheme.	Embedded	Construction, Operation, Decommissioning	Secured through the delivery of mitigation proposed in the outline CEMP and OEMP in line with Requirement 13 and 14.	Requirement 13 Construction environmental management plan (Table 2, page 15) Requirement 14 Operational environmental management plan (Table 2, page 16)
Landscape and Visual [EN010168/APP/6.1]	Temporary site lighting during construction will be required to enable safe working during construction and decommissioning during hours of darkness and will be designed as far as reasonably practicable to minimise potential for light spillage outside the Sites and Cable Route Corridor, particularly	To reduce the visual effect and impact of the Scheme.	Embedded	Construction, Decommissioning	Secured through the delivery of mitigation proposed in the outline CEMP and OEMP in line with Requirement 13 and 14.	Requirement 13 Construction environmental management plan (Table 2, page 15) Requirement 14 Operational environmental management plan (Table 2, page 16)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	towards houses, traffic and ecological habitats.					Requirement 20 Decommissioning and restoration (Table 2, page 15)
Landscape and Visual [EN010168/APP/6.1]	Any hedgerow removal would be replaced and include gapping up of adjacent hedgerows.	To reduce the visual effect and impact of the Scheme.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.3.24) Requirement 13 Construction environmental management plan (Table 2, page 14) Requirement 14 Operational Environment Management Plan (Table 2, page 14)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Landscape and Visual [EN010168/APP/6.1]	Existing hedgerows would be reinforced as part of the planting strategy.	To reduce the visual effect and impact of the Scheme.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.3.25) Requirement 13 Construction environmental management plan (Table 2, page 14) Requirement 14 Operational Environment Management Plan (Table 2, page 14)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Landscape and Visual [EN010168/APP/6.1]	Existing woodland/scrub and hedgerow cover would be retained along PRowS. Hedgerows would be managed to a height of up to 4.5 m.	To reduce the visual effect and impact of the Scheme.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.3.34) Requirement 13 Construction environmental management plan (Table 2, page 14) Requirement 14 Operational Environment Management Plan (Table 2, page 14) Requirement 17 Public rights of way and permissive paths (Paragraph 4.2.2)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Landscape and Visual [EN010168/APP/6.1]	New riparian planting would be undertaken along riparian corridors.	To reduce the visual effect and impact of the Scheme.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.3.123) Requirement 13 Construction environmental management plan (Table 2, page 14) Requirement 14 Operational Environment Management Plan (Table 2, page 14)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Landscape and Visual [EN010168/APP/6.1]	If required, tree removal along the Cable Route Corridor would preferentially target trees of lower quality over those of higher quality. Veteran and Category A trees would not be removed in the Cable Route Corridor. The order of priority for tree removal would be as follows: Category U, C, and lastly Category B trees.	To protect Cat A and Veteran trees within the Cable Route Corridor.	Embedded	Construction	Secured through the design process and verified as part of detailed design approval.	Requirement 7 Landscape and ecological management plan (Paragraph 1.1.7) Requirement 13 Construction environmental management plan (Table 2, page 16)
Landscape and Visual [EN010168/APP/6.1]	Retained trees along the Cable Route Corridor will also be protected with tree protection fencing for the duration of works as appropriate in sections of the Cable Route Corridor.	To protect retained trees along the Cable Route Corridor.	Embedded	Construction	Secured through the design process and verified as part of detailed design approval.	Requirement 13 Construction environmental management plan (Table 2, page 16)
Landscape and Visual [EN010168/APP/6.1]	Wildflower meadow verges are included on the edge of set aside land in A11, A12 and C10.	To avoid and reduce impacts and effects on the CNL.	Enhancement	Operation	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						management plan (Table 7) Requirement 13 Construction environmental management plan (Table 2, page 14) Requirement 14 Operational Environment Management Plan (Table 2, page 14)
Landscape and Visual [EN010168/APP/6.1]	Hedgerows will be maintained at their current height of c1.5m bordering the Cotswold National Landscape.	To avoid and reduce impacts and effects on the CNL.	Enhancement	Operation	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.3.34) Requirement 13 Construction

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						environmental management plan (Table 2, page 14) Requirement 14 Operational Environment Management Plan (Table 2, page 14)
Landscape and Visual [EN010168/APP/6.1]	At decommissioning other than the buried cabling, all infrastructure would be removed with agricultural fields returned back to agriculture. Alternatively, the cables can be removed by opening up the ground at regular intervals and pulling the cable through to the extraction point, leaving the ducting and jointing bays in place, avoiding the need to open up the entire length of the cable route. The reinforced landscape however would be retained.	To reduce the long term visual effect and impact of the Scheme.	Enhancement	Decommissioning	Secured through the design process and verified as part of detailed design approval.	Requirement 20 Decommissioning and restoration (Table 2, page 14)

Table 3-3: Ecology and Biodiversity

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	The Scheme has been designed to retain the most valuable habitats and protect these with undeveloped buffer zones.	Continued availability of key habitats for a wide range of wildlife	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval	Requirement 5 Detailed design approval
Ecology and Biodiversity [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on Ecology and Biodiversity.	Design iterations have sought to avoid a number of habitats of high value for biodiversity, including woodlands, lowland meadow habitats, ponds, watercourses, and the majority of hedgerows.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval
Ecology and Biodiversity [EN010168/APP/6.1]	Habitats with particular importance for protected/notable species, even if the habitats are of low importance in themselves, will be retained outside the	The Scheme has sought to avoid permanent impacts at areas of comparatively low intrinsic botanical value, but which	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 8 Ecological protection

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	development area, where appropriate.	have been identified as particularly important for protected / notable species, such as Field C10 which is an arable field of relatively high importance for skylark.				and mitigation strategy (Paragraph 6.9.2)
Ecology and Biodiversity [EN010168/APP/6.1]	Buffers from field boundary habitats and other ecological features have been applied. Buffers will not contain any array structures, hard standing or electrical hardware.	Continued availability of key habitats for a wide range of wildlife. Field boundaries to be protected through installations and maintenance of adequately protective fencing.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval. Biodiversity Protection Fencing (BPF) to be installed at the outset of construction and regularly inspected by the EcoCoW and site management, as set out in the Outline EPMS.	Requirement 5 Detailed design approval Requirement 8 Ecological protection and mitigation strategy (Paragraph 3.3.2)
Ecology and Biodiversity [EN010168/APP/6.1]	Access for construction and operational maintenance has been specifically designed to utilise existing field entrances and gaps in hedgerows and	Avoid and minimise loss and fragmentation of hedgerow habitats.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	other linear habitats wherever possible.					Requirement 8 Ecological protection and mitigation strategy (Paragraph 3.3.1)
Ecology and Biodiversity [EN010168/APP/6.1]	The measurement criteria for ecological buffers are: 8 m minimum from ditches; 10 m minimum from ditches with signs of water vole, ponds where GCN are absent, 'outlying' or 'annexe' badger sett, or individual trees; 15 m minimum from all woodland, hedgerows, lines of trees, and designated sites, as well as some minor watercourses depending on their ecological value; 30 m minimum from 'main' or 'subsidiary' badger setts; and	Avoid and minimise potential adverse impacts to important ecological features, including designated sites, ecologically sensitive habitats, and protected and notable species.	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval. Biodiversity Protection Fencing (BPF) to be installed at the outset of construction and regularly inspected by the EcoCoW and site management, as set out in the Outline EPMS.	Requirement 5 Detailed design approval Requirement 8 Ecological protection and mitigation strategy (Paragraph 3.3.2)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	50 m from ponds with confirmed evidence of GCN, or where the presence of great crested newts has been assumed due to inconclusive results.					
Ecology and Biodiversity [EN010168/APP/6.1]	A standoff of at least 4 m between the perimeter security fencing and the array structures will be implemented in order to facilitate movement for maintenance vehicles within the arrays.	Facilitate appropriate management of habitats within the arrays and ensure proposed habitats and associated ecological benefits are delivered.	Embedded	Operation	Secured through the design process and verified as part of detailed design approval. Ongoing habitat management and regular monitoring as set out within the Outline LEMP.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.3.70)
Ecology and Biodiversity [EN010168/APP/6.1]	A number of fields have been removed from hosting infrastructure for the Scheme and will be managed sensitively.	Mitigate for the loss of ground nesting bird breeding habitat.	Embedded	Operation	Secured through the design process and verified as part of detailed design approval. Ongoing habitat management and regular monitoring as set out within the Outline LEMP.	Requirement 5 Detailed design approval Requirement 7 Landscape and ecological management plan (Paragraph 1.3.34)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	Protective construction-phase fencing will also observe the buffer distances from field boundary habitats and other ecological features.	Avoid and minimise potential adverse impacts to important ecological features, including designated sites, ecologically sensitive habitats, and protected and notable species.	Embedded	Construction	Secured through the design process and verified as part of detailed design approval. Biodiversity Protection Fencing (BPF) to be installed at the outset of construction and regularly inspected by the EcoCoW and site management, as set out in the Outline EPMS.	Requirement 5 Detailed design approval Requirement 8 Ecological protection and mitigation strategy (Paragraph 3.1.1)
Ecology and Biodiversity [EN010168/APP/6.1]	Other, bespoke buffers around bat roosts and the nesting sites of Schedule 1 birds will be implemented on a case-by-case basis, taking into account the specific species' requirements.	Avoid and minimise potential adverse impacts to important ecological features, including roosting bats and nesting Schedule 1 birds.	Embedded	Construction	Pre-construction surveys to be undertaken in line with the Outline EPMS to identify presence of protected species. Secured through the design process and verified as part of detailed design approval. Biodiversity Protection Fencing (BPF) to be	Requirement 5 Detailed design approval Requirement 8 Ecological protection and mitigation strategy (Paragraph 6.3.1)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
					installed at the outset of construction and regularly inspected by the EcoCoW and site management, as set out in the Outline EPMS.	
Ecology and Biodiversity [EN010168/APP/6.1]	Any hedgerow removal required to facilitate temporary access tracks will be reinstated following completion of construction.	Avoid long-term adverse impacts to hedgerow habitat and protected and notable species potentially present therein.	Embedded	Construction	Habitat creation as set out within Outline EPMS. Management and monitoring of hedgerows at the Solar PV Sites as set out in the Outline LEMP to ensure successful establishment and on-going management.	Requirement 7 Landscape and ecological management plan (Paragraph 1.1.10) Requirement 8 Ecological protection and mitigation strategy (Paragraph 7.1)
Ecology and Biodiversity [EN010168/APP/6.1]	Trenchless technologies (such as HDD) will be adopted for selected 'avoidance areas' within the Cable Route Corridor at particularly sensitive features (such as important watercourses, railway corridors and woodland).	Avoid and minimise potential adverse impacts to important ecological features such as designated sites, ecologically sensitive habitats (watercourses, woodlands), and protected and notable species	Embedded	Construction	Timing and location of HDD works to be agreed with EcoCoW, and EcoCoW attendance required on site during works, as set out in the Outline EPMS.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 8.1) Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						management plan (Table 3, page 18)
Ecology and Biodiversity [EN010168/APP/6.1]	Both the launch and reception pits will be situated a minimum of 10 m from any watercourse and will be fully backfilled and reinstated upon completion of the cable installation.	Avoid and minimise potential adverse impacts to watercourses and protected and notable species potentially present therein.	Embedded	Construction	Location of HDD works, including launch and reception pits, to be agreed with EcoCoW, as set out in the Outline EPMS. Backfilling to be undertaken in line with Outline CEMP.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 8.2.2) Requirement 13 Construction environmental management plan (Table 3, page 19)
Ecology and Biodiversity [EN010168/APP/6.1]	All temporary hedgerow gaps for cable route installation will measure up to 12 m wide.	Minimise potential adverse impacts to hedgerow habitats and protected and notable species potentially present therein.	Embedded	Construction	Secured through the design process and verified as part of detailed design approval.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 3.4.1) Requirement 13 Construction environmental management plan (Table 3, page 19)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	Habitat and hedgerow would be reinstated as soon as possible through hedgerow and grassland replanting/translocation/re-seeding.	Avoid medium to long-term adverse impacts to grassland and hedgerow habitats and protected and notable species potentially present therein.	Embedded	Construction	Habitat creation as set out within Outline EPMS.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 7.3.2) Requirement 13 Construction environmental management plan (Table 3, page 19)
Ecology and Biodiversity [EN010168/APP/6.1]	No Temporary Construction Compounds will be sited within the Impact Zones for Bat Species.	Avoid and minimise potential adverse impacts to bats associated with the Bath and Bradford on Avon Bats Special Area of Conservation.	Embedded	Construction	Secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 3, page 17)
Ecology and Biodiversity [EN010168/APP/6.1]	There would be restrictions on the use of fuels and other contaminants in proximity to boundary features and other sensitive habitats during construction.	Avoid and minimise potential adverse impacts on important ecological features, including boundary habitats	Embedded	Construction	Biodiversity Protection Fencing (BPF) to be installed at the outset of construction and regularly inspected by the EcoCoW and site	Requirement 8 Ecological protection and mitigation strategy (Paragraph 4.6) Requirement 13 Construction

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
		and protected and notable species.			management, as set out in the Outline EPMS. Pollution prevention measures to be implemented in line with Outline EPMS and Outline CEMP.	environmental management plan (Table 3, page 17)
Ecology and Biodiversity [EN010168/APP/6.1]	During construction, measures to limit dust-generating activities would be implemented.	Avoid and minimise potential adverse impacts on important ecological features, including retained habitats and protected and notable species.	Embedded	Construction	Pollution prevention measures to be implemented in line with Outline EPMS and Outline CEMP.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 4.1) Requirement 13 Construction environmental management plan (Table 3, page 17)
Ecology and Biodiversity [EN010168/APP/6.1]	During construction, measures to limit the mobilisation of sediments and run-off would be implemented.	Avoid and minimise potential adverse impacts on important ecological features, including retained habitats, watercourses and protected and notable species.	Embedded	Construction	Pollution prevention measures to be implemented in line with Outline EPMS and Outline CEMP.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 4.1) Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						management plan (Table 3, page 18)
Ecology and Biodiversity [EN010168/APP/6.1]	A detailed Ecological Protection and Mitigation Strategy (EPMS) would be produced and approved by the relevant local authority.	Avoid and minimise potential adverse impacts on important ecological features during construction.	Embedded	Construction	Detailed EPMS to be provided post-consent and approved by local planning authority.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 1.1.3)
Ecology and Biodiversity [EN010168/APP/6.1]	An EcoCoW will be designated at the onset of the construction phase, which will provide ecological supervision during the completion of any works which have the potential to impact protected and notable species, as appropriate.	Advise on protecting valued biodiversity features and provide practical, site-specific and proportionate advice on how to achieve compliance with environmental legislation.	Embedded	Construction	Regular review of delivery of CEMP and EMPS, contractor to determine frequency.	Implementation of CEMP (DCO Requirement 13) (Table 3, page 18) and EMPS (DCO Requirement 8) (Paragraph 1.4.1) to ensure a project ecologist (ECoW) is appointed.
Ecology and Biodiversity [EN010168/APP/6.1]	Criteria under which the EcoCoW would be required in order to oversee certain construction activities which have the potential to impact on protected species, such as localised habitat clearance, and ditch/watercourse	Ensure appropriate attendance of EcoCoW on site during construction to undertake necessary pre-commencement surveys and	Embedded	Construction	Detailed EPMS to be provided post-consent and approved by local planning authority, including requirements for EcoCoW site attendance, construction phase	Requirement 8 Ecological protection and mitigation strategy (Paragraph 4.2.1) Requirement 13 Construction

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	engineering works, would be included in the detailed EPMS. These criteria would trigger the need for EcoCoW attendance and, potentially, pre-commencement surveys or preparation by an ecologist, as well as follow up monitoring or reporting.	mitigation measures. Ensure construction works are carried out in line with Outline EPMS and are legally compliant.			monitoring and reporting. Regular review of delivery of CEMP and EMPS.	environmental management plan (Table 3, page 17)
Ecology and Biodiversity [EN010168/APP/6.1]	Criteria under which certain potentially impactful operations would need to be restricted to particular months or seasons in order to lessen likely adverse ecological effects (for example, hibernation or nesting season for particular species) would be detailed in the EPMS.	Avoid and minimise potential adverse impacts on important ecological features through sensitive timing of specific construction activities. Ensure construction works are carried out in line with Outline EPMS and are legally compliant.	Embedded	Construction	Detailed EPMS to be provided post-consent and approved by local planning authority, including requirements for EcoCoW site attendance, construction phase monitoring and reporting. Regular review of delivery of CEMP and EMPS.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 11.2.1) Requirement 13 Construction environmental management plan (Table 3, page 17)
Ecology and Biodiversity [EN010168/APP/6.1]	The EPMS would include details of task-specific Method Statements for potentially ecologically impactful works.	Avoid and minimise potential adverse impacts to important ecological features during construction.	Embedded	Construction	Detailed EPMS to be provided post-consent and approved by local planning authority,	Requirement 8 Ecological protection and mitigation strategy (Paragraph 4.2.1)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
		Ensure construction works are carried out in line with Outline EPMS and are legally compliant.			including task-specific Method Statements. Regular review of delivery of CEMP and EMPS.	
Ecology and Biodiversity [EN010168/APP/6.1]	Restrictions on the use of fuels and other contaminants in proximity to boundary features and other sensitive habitats would be included in the EPMS and the CEMP.	Avoid and minimise potential adverse impacts to important ecological features during construction arising from pollutants.	Embedded	Construction	Detailed EPMS to be provided post-consent and approved by local planning authority, including appropriate pollution prevention measures. Regular review of delivery of CEMP and EMPS.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 4.1) Requirement 13 Construction environmental management plan (Table 3, page 17)
Ecology and Biodiversity [EN010168/APP/6.1]	Measures to limit the dust generating activities would be included in the EPMS and CEMP.	Avoid and minimise potential adverse impacts to important ecological features during construction arising from pollutants.	Embedded	Construction	Detailed EPMS to be provided post-consent and approved by local planning authority, including appropriate pollution prevention measures.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 4.1) Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
					Regular review of delivery of CEMP and EMPS.	management plan (Table 3, page 17)
Ecology and Biodiversity [EN010168/APP/6.1]	The EPMS would include details of measures to limit the mobilisation of sediments and run-off, such as when working in very wet conditions or the use of silt fencing when working in ditches or watercourses.	Avoid and minimise potential adverse impacts to important ecological features during construction arising from pollutants.	Embedded	Construction	Detailed EPMS to be provided post-consent and approved by local planning authority, including appropriate pollution prevention measures. Regular review of delivery of CEMP and EMPS.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 4.3.1)
Ecology and Biodiversity [EN010168/APP/6.1]	Construction personnel will receive a Toolbox Talk detailing the presence of sensitive ecological features at or close to the Sites and Cable Route Corridor and will be informed that no materials should be stored in, or vehicles drive through, buffer zones.	Ensure construction personnel are aware of legal responsibilities relating to the protection of important ecological features, including pollution prevention measures and adherence to protective buffers,	Embedded	Construction	Toolbox talk to be delivered by EcoCoW in line with Outline EPMS. Biodiversity Protection Fencing (BPF) to be installed at the outset of construction and regularly inspected by the EcoCoW and site management, as set out in the Outline EPMS.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 2.1) Requirement 13 Construction environmental management plan (Table 3, page 17)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	Temporary site lighting will be designed as far as reasonably practicable to minimise potential for light spillage outside the Solar PV Sites and Cable Route Corridor, particularly towards valuable ecological habitats. Standard good practice measures would be employed to minimise light spill, including glare, during construction. A sensitive lighting strategy will specify where and how any artificial lighting will be used.	Avoid and minimise potential adverse impacts on light-sensitive protected species, including bats associated with the Bat and Bradford on Avon Bats Special Area of Conservation.	Embedded	Construction	Secured through the design process and verified as part of detailed design approval.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 5.1) Requirement 13 Construction environmental management plan (Table 3, page 18)
Ecology and Biodiversity [EN010168/APP/6.1]	Habitat under the arrays and within buffers, easements and other designated ecological mitigation areas have each received habitat creation and management prescriptions in order to deliver Biodiversity Net Gain.	Ensure successful delivery of proposed habitats at the Solar PV Sites, and achieve at least 10% net gain for biodiversity.	Embedded	Operation	Creation, management, and monitoring of habitats at the Solar PV Sites as set out within the Outline LEMP.	Requirement 7 Landscape and ecological management plan (Paragraph 1.3.29) Requirement 9 Biodiversity net gain (Paragraph 1.1.5)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	All habitats within the Solar PV Sites will be managed with machinery and there would be no grazing. Should consent be granted, grazing by sheep will be explored, noting that there are no known landowner restrictive covenants or other reasons that would prevent such use.	Ensure successful delivery of proposed grassland habitats at the Solar PV Sites, and achieve at least 10% net gain for biodiversity.	Embedded	Operation	Creation, management, and monitoring of habitats at the Solar PV Sites as set out within the Outline LEMP. Details of grazing regime to be provided in detailed LEMP, if required.	Requirement 7 Landscape and ecological management plan (Paragraph 1.3.108)
Ecology and Biodiversity [EN010168/APP/6.1]	Motion sensing security lighting will be provided within substations and within the BESS Area, to be used only for maintenance and security purposes.	Avoid and minimise potential adverse impacts on light-sensitive protected species, including bats.	Embedded	Operation	Secured through the design process and verified as part of detailed design approval. Secured through the delivery of mitigation proposed in the outline OEMP.	Requirement 14 Operational environmental management plan (Table 3, page 18)
Ecology and Biodiversity [EN010168/APP/6.1]	A sensitive lighting strategy would be implemented.	Avoid and minimise potential adverse impacts on light-sensitive protected species, including bats.	Embedded	Operation	Secured through the design process and verified as part of detailed design approval. Secured through the delivery of mitigation proposed in the outline OEMP.	Requirement 14 Operational environmental management plan (Table 3, page 18)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	Pre-decommissioning surveys and ecological assessments would be undertaken prior to decommissioning commencing.	Identify any ecological constraints arising from decommissioning activities and ensure mitigation and / or compensatory measures are identified in line with prevailing guidance	Embedded	Decommissioning	Secured through the Outline DS	Requirement 20 Decommissioning and restoration (Table 3, page 17)
Ecology and Biodiversity [EN010168/APP/6.1]	An update survey of traditional orchard within the Cable Route Corridor will be undertaken prior to construction commencing in this area.	Avoid and minimise impacts on traditional orchard Priority Habitat where it intersects the Cable Route Corridor	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 7.7)
Ecology and Biodiversity [EN010168/APP/6.1]	All effort will be made to avoid removal of fruit trees within traditional orchard habitat within the Cable Route Corridor. However, where this cannot be avoided then a specific remediation plan will be developed, with consideration given to translocating the tree	Avoid and minimise impacts on traditional orchard Priority Habitat where it intersects the Cable Route Corridor	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 7.7)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	elsewhere within the parcel, or, as a last resort, ensuring new orchard trees are planted in its place.					
Ecology and Biodiversity [EN010168/APP/6.1]	Approximately 15.74 km of new hedgerow planting will be incorporated within the Solar PV Sites.	Extensive new hedgerow planting to mitigate for loss of hedgerows elsewhere and deliver measurable net gains for linear habitat (hedgerows)	Additional	Construction	Secured through the design process and verified as part of detailed design approval. Planting, establishment and monitoring of hedgerows secured through the delivery of measures proposed in the outline LEMP	Requirement 7 Landscape and ecological management plan (Paragraph 1.3.24) Requirement 9 Biodiversity net gain (Paragraph 1.8.8)
Ecology and Biodiversity [EN010168/APP/6.1]	An Ecological Clerk of Works will oversee any necessary ditch trenching work associated with both construction of the Solar PV Sites and Cable Route Corridor.	Avoid and minimise potential adverse impacts on aquatic and riparian habitats and species	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS and CEMP	Requirement 8 Ecological protection and mitigation strategy (Paragraph 1.4) Requirement 13 Construction environmental management plan (Table 3, page 17)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	Prior to construction commencing across the Scheme, an update badger survey would be completed. The survey will be carried out no more than 2 months prior to the commencement of construction activities within a particular Site or section of Cable Route Corridor.	Avoid and minimise potential adverse impacts on badgers, through ensuring active setts potentially impacted are identified in good time prior to works commencing	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 9.1)
Ecology and Biodiversity [EN010168/APP/6.1]	Should any setts be identified at this stage, a mitigation strategy would be devised, following the mitigation hierarchy.	Avoid and minimise potential adverse impacts on badgers and ensure relevant wildlife legislation is not contravened.	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 9.1)
Ecology and Biodiversity [EN010168/APP/6.1]	Should impacts to these setts during the construction phase be unavoidable, then these setts would likely either be temporarily excluded before being re-opened once construction had been completed, or otherwise permanently excluded and destroyed, under a mitigation licence from Natural England.	Avoid and minimise potential adverse impacts on badgers and ensure relevant wildlife legislation is not contravened.	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS as well as through the requirements of any Natural England licence (if required).	Requirement 8 Ecological protection and mitigation strategy (Paragraph 9.1)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	If required, any mitigation licence would ensure that compensation measures (such as the creation of artificial setts and the maintenance of suitable alternative shelter) required would be implemented prior to the exclusion of the sett/s, and that any impacts to setts would remain legally compliant.	Avoid and minimise potential adverse impacts on badgers and ensure relevant wildlife legislation is not contravened.	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS as well as through the requirements of any Natural England licence (if required).	Requirement 8 Ecological protection and mitigation strategy (Paragraph 9.4)
Ecology and Biodiversity [EN010168/APP/6.1]	All contractors will be informed about the presence of badger setts via a toolbox talk delivered by an ecologist prior to construction works commencing within a particular working area. No machinery will be driven within the designated ecological buffers, or materials stored in them.	Avoid and minimise potential adverse impacts to badger during construction, and ensure relevant wildlife legislation is not contravened.	Additional	Construction	Toolbox talk to be delivered by EcoCoW in line with Outline EPMS. Secured through the design process and verified as part of detailed design approval. Biodiversity Protection Fencing (BPF) to be installed at the outset of construction and regularly inspected by the EcoCoW and site management, as set out in the Outline EPMS.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 9.3)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	Any trees or buildings with potential for roosting bats, for which removal or modification is unavoidable, will be re-investigated closely, either through a climbing inspection and the use of video endoscopes (where practicable), or through the completion of emergence surveys, to determine the presence or likely absence of roosts.	Avoid and minimise potential adverse impacts to roosting bats during construction, and ensure relevant wildlife legislation is not contravened.	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 6.3.1)
Ecology and Biodiversity [EN010168/APP/6.1]	The loss of any bat roost will need to be covered under a licence from Natural England, but all alternatives will be explored beforehand.	Avoid and minimise potential adverse impacts on roosting bats and ensure relevant wildlife legislation is not contravened.	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS as well as through the requirements of any Natural England licence (if required).	Requirement 8 Ecological protection and mitigation strategy (Paragraph 6.3.2)
Ecology and Biodiversity [EN010168/APP/6.1]	A precautionary method of working in relation to removal of hedgerows would be followed. The hedgerow will be thoroughly searched for signs of dormice and the gaps will be created in locations where	Avoid and minimise potential adverse impacts on dormice and ensure relevant wildlife legislation is not contravened.	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 14.3.1)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	dormouse nests are confirmed absent and where dormice will not be affected.					
Ecology and Biodiversity [EN010168/APP/6.1]	Where suitable ditches and watercourses require unavoidable crossing or reinforcement of existing crossings, these locations will be subject to inspection two months prior to commencement of development activities in order to detect any holts, resting sites or burrows.	Avoid and minimise potential adverse impacts on riparian mammals through ensuring holts, burrows or other sheltering features potentially impacted are identified in good time prior to works commencing	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 10.3.2)
Ecology and Biodiversity [EN010168/APP/6.1]	Where any water vole burrows or active otter holts are present and construction works are liable to impact them, avoidance of impacts will be adopted in the first instance wherever possible. Where impacts are unavoidable, mitigation measures will be implemented to adequately mitigate impacts and ensure legal compliance.	Avoid and minimise potential adverse impacts on riparian mammals and ensure relevant wildlife legislation is not contravened.	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS as well as through the requirements of any Natural England licence (if required).	Requirement 8 Ecological protection and mitigation strategy (Paragraph 10.1.1)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	Supervision and protective measures would be followed during works affecting potentially suitable habitat for amphibians and reptiles.	Avoid and minimise potential adverse impacts on reptiles and amphibians and ensure relevant wildlife legislation is not contravened.	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 6.9)
Ecology and Biodiversity [EN010168/APP/6.1]	Large-scale creation of optimal foraging habitat for skylark and yellow wagtail will be undertaken.	Provide suitable mitigation habitat for ground-nesting bird species such as skylark, in appropriate un-panelled fields.	Additional	Construction and Operations	Secured through the design process and verified as part of detailed design approval. Creation, management and monitoring of habitat in un-panelled areas to be carried out in line with Outline LEMP.	Requirement 7 Landscape and ecological management plan (Paragraph 1.3.145)
Ecology and Biodiversity [EN010168/APP/6.1]	Fields removed from hosting infrastructure would be managed as permanent grassland with a late season hay-cut or as set-aside.	Provide suitable mitigation habitat for ground-nesting bird species such as skylark, in appropriate un-panelled fields.	Additional	Construction	Creation, management and monitoring of habitat in un-panelled areas to be carried out in line with Outline LEMP.	Requirement 7 Landscape and ecological management plan (Paragraph 1.1.3)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	The construction (including cabling) site management will follow a regime where undeveloped fields are not entered by plant or personnel unless it can be confirmed that they do not contain flocks of species likely to be most sensitive to disturbance.	Avoid and minimise potential adverse impacts on overwintering birds susceptible to disturbance	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 12.2.2)
Ecology and Biodiversity [EN010168/APP/6.1]	Where suitable ditches and watercourses require unavoidable crossing or reinforcement of existing crossings, these locations will be subject to inspection prior to commencement of development activities in order to identify any white-clawed crayfish individuals, burrows or sheltering features.	Avoid and minimise potential adverse impacts on white-clawed crayfish	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 15.3.1)
Ecology and Biodiversity [EN010168/APP/6.1]	Where white-clawed crayfish are identified as potentially being impacted by construction works, avoidance of impacts will be adopted in the first instance wherever possible.	Avoid and minimise potential adverse impacts on white-clawed crayfish	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 15.3.1)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ecology and Biodiversity [EN010168/APP/6.1]	Where open-cut trenching is used at Cable Route Corridor watercourse crossing points, these locations will be subject to inspection prior to commencement of development activities in order to re-confirm suitability for fish.	Avoid and minimise impacts on freshwater fish	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 7.4.1)
Ecology and Biodiversity [EN010168/APP/6.1]	Where any suitable watercourses require open-cut trenching, works will avoid key spawning seasons for brown trout (avoiding works between October – May inclusive).	Avoid and minimise impacts on freshwater fish ensure relevant wildlife legislation is not contravened.	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 7.4.1)
Ecology and Biodiversity [EN010168/APP/6.1]	If required, freshwater fish may be captured and translocated from the working area to suitable habitats upstream or downstream, prior to the dewatering of the channel and use of coffer dams as well as the supervision of the work by a suitably qualified Ecological Clerk of Works (EcoCoW).	Avoid and minimise impacts on freshwater fish	Additional	Construction	Secured through the delivery of mitigation proposed in the outline EPMS	Requirement 8 Ecological protection and mitigation strategy (Paragraph 7.4.2)
Ecology and Biodiversity [EN010168/APP/6.1]	Post-construction monitoring will be conducted to ensure that the affected habitats are	Ensure temporarily impacted habitats are re-instated on	Additional	Construction	Secured through the delivery of mitigation	Requirement 8 Ecological protection and mitigation

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	suitably reinstated and that any remedial measures required are identified.	completion of construction works.			proposed in the outline EPMS	strategy (Paragraph 7.4.3)
Ecology and Biodiversity [EN010168/APP/6.1]	Fields designated as set-aside would be cultivated regularly (every 2-5 years).	Ensure proposed habitats and associated ecological benefits are delivered, including maintenance of suitable skylark nesting habitat.	Additional	Construction	Habitat creation, management and monitoring to be undertaken in line with Outline LEMP.	Requirement 7 Landscape and ecological management plan (Paragraph 1.3.149)
Ecology and Biodiversity [EN010168/APP/6.1]	All works within the Cable Route Corridor to be registered under Natural England's District Level Licensing (DLL) for great crested newts.	Avoid and minimise potential adverse impacts to great crested newts and ensure compliance with relevant wildlife legislation.	Compensation	Construction	Secured through the delivery of mitigation proposed in the outline EPMS as well as through the requirements of Natural England's District Level Licence Scheme.	Requirement 8 Ecological protection and mitigation strategy (Paragraph 13.1.3) Natural England Great Crested Newt District Level Licence
Ecology and Biodiversity [EN010168/APP/6.1]	Cables will be installed via HDD (or other non-open-cut methods) to cross those watercourses deemed suitable to regularly support eels and sea trout, including Gauze	Avoid and minimise potential adverse impacts to watercourses assessed as being suitable to support	Additional	Construction and Operation	Depth of no less than 5 m for all cables under watercourses deemed suitable to regularly support eels and sea trout proposed in the	Requirement 8 Ecological protection and mitigation strategy (Paragraph 8.2.3)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	Brook, Gabriel's Well Brook, Pudding Brook, Pudding Brook Tributary, and Byde Mill Brook. In all such cases cables will be buried to a minimum depth of 5 m below the channel bed.	fish species associated with the Severn Estuary SPA & Ramsar.			outline EPMS and outline OEMP	Requirement 14 Operational environmental management plan (Table 3, page 18)
Ecology and Biodiversity [EN010168/APP/6.1]	If new badger setts are excavated in areas where they come into conflict with ongoing management activities, then these setts would likely be excluded under a mitigation licence from Natural England. The mitigation licence would secure any compensation measures (such as the creation of artificial setts) required, the exclusion of the setts, and would ensure any impacts to setts are compliant with current legislation.	Avoid and minimise potential adverse impacts to badgers and ensure compliance with relevant wildlife legislation.	Additional	Operation	Secured through the delivery of mitigation proposed in the outline OEMP as well as through the requirements of any Natural England licence (if required).	Requirement 14 Operational environmental management plan (Table 3, page 19)

Table 3-4: Arboriculture

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Arboriculture [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on Arboriculture.	To ensure that the Scheme has a minimal impact on the tree population	Embedded	Construction, Operation, Decommissioning	Secured through the design process and verified as part of detailed design approval	Requirement 5 Detailed design approval
Arboriculture [EN010168/APP/6.1]	Tree and woodland planting would be undertaken within the Solar PV sites.	To provide compensatory planting for any trees that are removed as a result of the Scheme	Embedded	Construction	A monitoring programme to ensure the long term success of the trees planted	Requirement 7 Landscape and ecological management plan (Paragraph 1.3.58)
Arboriculture [EN010168/APP/6.1]	There would be no landscaping within the Veteran Tree Buffers Zones.	To ensure that impacts to veteran trees occur as a result of the Scheme	Embedded	Construction	An ACoW will mark out buffer zones prior to landscaping works taking place	Requirement 7 Landscape and ecological management plan (Table 5, page 23)
Arboriculture [EN010168/APP/6.1]	The Scheme has been designed to ensure sufficient space for open-cut trenching	To avoid damage to veteran trees.	Embedded	Construction	Secured through the design process and verified as part of	Requirement 5 Detailed design approval

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	around veteran tree buffer zones.				detailed design approval	
Arboriculture [EN010168/APP/6.1]	Micro-siting would be employed to avoid removal or occurrence of root or canopy impacts to veteran trees within the Cable Route Corridor. If micro-siting cannot be achieved, trenchless techniques would be utilised.	To minimise impacts to retained treed	Embedded	Construction	Secured through the design process and verified as part of detailed design approval	Requirement 13 Construction environmental management plan (Table 4, page 22)
Arboriculture [EN010168/APP/6.1]	An Arboricultural Clerk of Works (ACoW) would be required to guide consented tree removal and pruning, and ensuring tree protection measures are put in place and maintained.	To ensure compliance with the Approved DCO and relevant management plans	Embedded	Construction	ACoW to keep records of inspections and to attend site to ensure compliance	Requirement 13 Construction environmental management plan (Table 4, page 20)
Arboriculture [EN010168/APP/6.1]	If required, tree removal along the Cable Route Corridor would preferentially target trees of lower quality. Veteran trees would not be removed in the Cable Route Corridor.	To prioritise the retention of higher quality trees	Embedded	Construction	Secured through the design process and verified as part of detailed design approval	Requirement 13 Construction environmental management plan (Table 4, page 21)
Arboriculture [EN010168/APP/6.1]	Tree pruning requirements would be specified by an ACoW in collaboration with the construction contractor.	To ensure that the minimum required pruning is undertaken and	Embedded	Construction	ACoW to keep records of inspections and to attend site to ensure compliance	Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	Pruning would be minimised where possible.	following guidance set out in BS 3998				management plan (Table 4, page 22)
Arboriculture [EN010168/APP/6.1]	All tree works will be undertaken by a suitably qualified arborist working in accordance with British Standard 3998:2010 Tree Work – Recommendations.	To ensure that works to trees are completed to a high standard and appropriate for the species and result desired	Embedded	Construction	Contractors should provide evidence of appropriate qualifications	Requirement 13 Construction environmental management plan (Table 4, page 21)
Arboriculture [EN010168/APP/6.1]	Temporary construction compounds would be sited outside of canopy spreads and Root Protection Areas (RPAs) of adjacent trees and woodlands.	To ensure that no damage to retained trees occurs	Embedded	Construction	ACoW to set out parameters for Tree Protection Fencing which will be installed prior to construction	Requirement 13 Construction environmental management plan (Table 4, page 22)
Arboriculture [EN010168/APP/6.1]	Trees within the Solar PV Sites would be protected throughout construction by the installation of perimeter fencing which would be installed prior to construction. Any trees not protected by perimeter fencing would be protected with Tree Protection Fencing for the duration of construction.	To ensure that no damage to retained trees occurs	Embedded	Construction	ACoW to set out parameters for Tree Protection Fencing which will be installed prior to construction	Requirement 13 Construction environmental management plan (Table 4, page 22)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Arboriculture [EN010168/APP/6.1]	Retained trees along the Cable Route Corridor would be protected with tree protection fencing for the duration of the works as appropriate.	To ensure that no damage to retained trees occurs	Embedded	Construction	ACoW to set out parameters for Tree Protection Fencing which will be installed prior to construction	Requirement 13 Construction environmental management plan (Table 4, page 23)
Arboriculture [EN010168/APP/6.1]	Fit for purpose temporary ground protection measures would be used where avoidable vehicle/machinery access is required within the RPAs of retained trees.	To ensure that no damage to retained trees occurs	Embedded	Construction	Prior to construction, the ACoW will guide contractors on where to install ground protection and the appropriate levels according to construction requirements	Requirement 13 Construction environmental management plan (Table 4, page 21)
Arboriculture [EN010168/APP/6.1]	Any excavation works within the RPAs of retained trees would be undertaken using hand tools only and the root pruning methodology. All excavation works within RPAs would be supervised by the ACoW.	To minimise damage to retained trees	Embedded	Construction	The ACoW will oversee excavation where there is the potential to impact trees.	Requirement 13 Construction environmental management plan (Table 4, page 23)
Arboriculture [EN010168/APP/6.1]	Tall machinery used for trenchless solutions would be situated outside the RPAs of retained trees. Entry and exit points for the trenchless solutions would be sited more than 15m from retained tree	To ensure that no damage to retained trees occurs	Embedded	Construction	Retained trees will be protected with Tree Protection Fencing prior to construction and buffer zones implemented.	Requirement 13 Construction environmental management plan (Table 4, page 25)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	stems. Trenchless solutions depths would exceed 1m under RPAs.					
Arboriculture [EN010168/APP/6.1]	Machinery movements and spoil/material storage will avoid the RPAs of retained trees within the Solar PV Site and Cable Route Corridor.	To ensure that no damage to retained trees occurs	Embedded	Construction	Buffer zones demarcated through Tree Protection fencing will be present, there will be designated areas for any spoil/material storage.	Requirement 13 Construction environmental management plan (Table 4, page 25)
Arboriculture [EN010168/APP/6.1]	Dust and sediment controls would be in place for relevant works near ancient woodlands along the Cable Route Corridor and near the Solar PV Site	To prevent additional impacts to Ancient woodland	Embedded	Construction	Dust protection measures will be installed prior to the commencement of works.	Requirement 13 Construction environmental management plan (Table 4, page 24)
Arboriculture [EN010168/APP/6.1]	Perimeter fencing would be installed and remain in situ during operation of the Solar PV Sites.	To ensure that working areas are defined and clear so as to avoid any impacts on retained trees.	Embedded	Operation	ACoW to ensure that fencing is outside RPAs and buffer zones. Where RPA incursion may be required, ACoW to advise on working within RPAs and will advise on appropriate methodologies.	Requirement 7 Landscape and ecological management plan (Table 4, page 25)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Arboriculture [EN010168/APP/6.1]	New tree and woodland planting is not proposed within the open cut sections of Cable Route Corridor.	To avoid the need for additional tree removals on the scheme if the cable corridor requires maintenance	Embedded	Operation	Areas of new planting are shown on the Landscape Plans	Requirement 7 Landscape and ecological management plan Requirement 14 Operational environmental management plan (Table 4, page 21)
Arboriculture [EN010168/APP/6.1]	No new tree planting is proposed within the veteran tree buffer zones of identified veteran trees.	TO avoid additional impacts on retained veteran trees	Embedded	Operation	Tree Protection Fencing will be installed around buffer zones to ensure that a defined no-planting area is available during the landscaping phase.	Requirement 7 Landscape and ecological management plan (Table 5, page 23) Requirement 14 Operational environmental management plan (Table 4, page 21)
Arboriculture [EN010168/APP/6.1]	Replacement and decommissioning activities would be facilitated through the use of access tracks installed during the construction phase.	TO ensure that no additional degradation of the ground structure occurs and RPAs are avoided	Embedded	Operation, Decommissioning	There will be an AMS produced at the decommissioning stage to ensure that appropriate measures	Requirement 14 Operational environmental management plan (Table 4, page 23)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
					are taken to avoid further tree impacts	Requirement 20 Decommissioning and restoration (Table 4, page 19)
Arboriculture [EN010168/APP/6.1]	Permanent access points and visibility splays for the Solar PV Site would be the same as those used for construction.	To avoid the need for additional tree removal as a result of the scheme	Embedded	Operation, Decommissioning	There will be an AMS produced at the decommissioning stage to ensure that appropriate measures are taken to avoid further tree impacts	Requirement 14 Operational environmental management plan (Table 4, page 23) Requirement 20 Decommissioning and restoration (Table 4, page 19)
Arboriculture [EN010168/APP/6.1]	All maintenance and replacement activities near veteran trees would be supervised by an ACoW.	To ensure that the veteran trees are not subject to any negative impacts	Embedded	Operation	ACoW will be present and will advise on the procedures for working around veteran trees.	Requirement 14 Operational environmental management plan ((Table 4, page 22)
Arboriculture [EN010168/APP/6.1]	Cabling would likely be left in situ after decommissioning, or removed at jointing bays and extracted from ducting.	To avoid the need for additional disturbance to the soil structure	Embedded	Decommissioning	There will be an AMS produced at the decommissioning stage to ensure that appropriate measures are taken to avoid further tree impacts	Requirement 20 Decommissioning and restoration (Table 4, page 19)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Arboriculture [EN010168/APP/6.1]	A tree survey would be undertaken prior to decommissioning in accordance with BS 5837:2012 (or in line with most recent adopted standard and industry guidelines).	This ensures that new survey data is available to be relied upon for further AIAs and AMS	Embedded	Decommissioning	This will be submitted as part of the suite of reports that will be required at this stage.	Requirement 20 Decommissioning and restoration (Table 4, page 19)
Arboriculture [EN010168/APP/6.1]	An Arboricultural Impact Assessment would be produced alongside an Arboricultural Method Statement.	These will be produced to ensure that any additional impacts are captured and assessed against the design for decommissioning	Embedded	Decommissioning	This will be submitted as part of the suite of reports that will be required at this stage.	Requirement 20 Decommissioning and restoration (Table 4, page 19)
Arboriculture [EN010168/APP/6.1]	Likely Significant effects are identified so the Outline Construction Environmental Management Plan includes monitoring requirements to minimise and mitigate any potential significant residual effects as far as practicable.	To ensure that effects from the project are accurately understood and can be appropriately mitigated for	Additional	Construction	Monitoring will continue throughout the lifetime of the Scheme and will inform on what mitigation is required and/or how significant effects can be reduced.	Requirement 13 Construction environmental management plan (Table 4, page 21)

Table 3-5: Hydrology, Flood Risk and Drainage

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on Hydrology, Flood Risk and Drainage through the process of embedding mitigation measures into the design.	The Scheme incorporates embedded design measures to avoid and reduce effects on hydrology, flood risk and drainage throughout its lifecycle. This applies the mitigation hierarchy, maintains flood resilience and protects the water environment.	Embedded	Construction, Operation, Decommissioning	Compliance will be reviewed through detailed design and the relevant construction, operational and decommissioning management plans. Any non-compliance and corrective action will be recorded.	Requirement 5: Detailed design approval
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Associated electrical infrastructure, including substations and other larger fixed components has been sequentially located in areas with a 'Low' probability of flooding (less than 1 in 1,000 annual probability of river or sea flooding (<0.1%)), where	To minimise the exposure of substations and other larger fixed electrical infrastructure to flood risk through sequential siting.	Embedded	Operation	Compliance will be reviewed through detailed design against the relevant flood mapping and modelling.	Requirement 5: Detailed design approval Requirement 14: Operational environmental management plan (Table 5, page 22)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	practicable, based on site-specific flood modelling and topographic data.					
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Smaller fixed infrastructure such as Conversion Units are required to be positioned at specific operational locations within the panelled areas and therefore offer limited flexibility in siting. These components are typically located outside the 1 in 100 plus climate change extent (1% annual probability +CC), but where they fall within areas of modelled risk, they will be protected through localised flood resilience measures.	To minimise flood exposure of smaller fixed infrastructure and provide local flood resilience where interaction cannot be avoided.	Embedded	Operation	Compliance will be reviewed through detailed design and post-flood inspection where required.	Requirement 5: Detailed design approval Requirement 14: Operational environmental management plan (Table 5, page 22)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Less sensitive infrastructure forming the wider Scheme (Solar PV Panels and cabling) have been sequentially located outside the 1 in 100 plus climate change annual probability extent (1% +CC) or where this is not practicable restricted to areas which experience less than 1m depth	To minimise flood interaction for Solar PV Panels and cabling while limiting development in areas at risk to flood-compatible infrastructure.	Embedded	Operation	Compliance will be reviewed through detailed design and post-flood inspection where required.	Requirement 5: Detailed design approval Requirement 14: Operational environmental management plan (Table 5, page 22)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	of flooding during the same event.					
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Flexibility for tracker or fixed Solar PV Panels has been built into the design with foundations likely to be galvanised steel poles driven into the ground. These will either be piles rammed directly into the ground or rammed into a pre-drilled hole, or a pillar attaching to a steel ground screw depending on ground conditions	To provide a foundation solution appropriate to ground conditions while minimising disturbance to soils, drainage and groundwater.	Embedded	Operation	The selected foundation solution will be reviewed through detailed design and construction inspection.	Requirement 5: Detailed design approval Requirement 14: Operational environmental management plan (Table 5, page 23)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	For both fixed and tracker panels where Solar PV Panels are located within the 1% AEP plus climate change design flood extent, the lowest leading edge of the panels will be set no less than 600 mm above the design flood level. This will be achieved through the final panel arrangement, including any required adjustment to panel tilt, tracker operating range or panel micro-siting, while remaining	To maintain the flood resilience of fixed and tracker Solar PV Panels located within areas at risk of flooding.	Embedded	Operation	Panel levels will be reviewed through detailed design and confirmed through as-built records.	Requirement 5: Detailed design approval Requirement 14: Operational environmental management plan (Table 5, page 23)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	within the maximum panel heights secured Design Principles and Parameters [REP4-043], namely 4.5 m above ground level for tracker panels and 3.5 m above ground level for fixed panels.					
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Tracker panel units will be mounted on rotating frames. The typical minimum clearance of approximately 0.4 m between the lower edge of the panel and surrounding ground level relates to general ground clearance at maximum tilt and is not relied upon as the flood freeboard standard. Where tracker panels are located within the design flood extent, the final tracker arrangement will ensure that the lowest leading edge achieves 600 mm freeboard above the design flood level, while remaining within the maximum tracker panel height of 4.5 m above ground level secured in Design Principles	To maintain the flood resilience and operability of tracker Solar PV Panels during flood events.	Embedded	Operation	Tracker geometry and flood stow arrangements will be reviewed through detailed design and operational inspection.	Requirement 5: Detailed design approval Requirement 14: Operational environmental management plan (Table 5, page 23)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	and Parameters {REP3-083}. The panel structures themselves are flood compatible and are not considered vulnerable to short term water contact. Sensitive electrical components mounted on the Solar PV Panels will also be set above the design flood level with appropriate resilience.					
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Runoff from equipment and access tracks will be directed to permeable SuDS features such as gravel-filled trenches or French drains, or similar passive drainage features appropriate to local condition.	To manage runoff at source and maintain existing drainage characteristics.	Embedded	Construction, Operation, Decommissioning	SuDS features will be inspected and maintained through the relevant management plans.	Requirement 5: Detailed design approval Requirement 11: Surface and foul water drainage Requirement 13: Construction environmental management plan (Table 5, page 29) Requirement 14: Operational environmental management plan (Table 5, page 24) Requirement 20: Decommissioning and restoration (oDS Table 5, page 21)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Minimum eight metre buffers from infrastructure will be established around watercourses, including Main Rivers and Ordinary Watercourses.	To protect watercourses and their banks from development-related disturbance.	Embedded	Construction, Operation, Decommissioning	Buffers will be shown on approved plans and checked during construction and operation.	Requirement 5: Detailed design approval Requirement 8: Ecological protection and mitigation strategy (Paragraph 3.3.8, page 8) Requirement 13: Construction environmental management plan (Table 5, page 29) Requirement 14: Operational environmental management plan (Table 5, page 23) Requirement 20: Decommissioning and restoration (Table 5, page 21)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Linear infiltration trenches will be incorporated around isolated infrastructure (e.g. string inverters or cable jointing pillars) within panelled areas to manage surface water at source, mimic the undeveloped state, and prevent lateral surface water migration.	To manage runoff from isolated infrastructure at source and prevent concentrated surface water flow.	Embedded	Operation	Infiltration trenches will be inspected and maintained through the operational management plan.	Requirement 5: Detailed design approval Requirement 11: Surface and foul water drainage Requirement 14: Operational environmental management plan (Table 5, page 24)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	While works in relation to watercourse crossings would ordinarily require Flood Risk	To maintain appropriate regulatory	Embedded	Construction	Crossing designs and works will be reviewed and	Requirement 5: Detailed design approval

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	Activity Permits from the Environment Agency (EA) and Land Drainage Consents from the Lead Local Flood Authority (LLFA), it is intended that these requirements be disapplied through the Development Consent Order. Protective provisions have been included to ensure the EA and LLFA retain oversight. Watercourse crossings are summarised within ES Volume 3 Appendix 9-9: Watercourse Crossing Schedule [EN010168/EXAM/9.10]. Where groundwater may be encountered, pre-commencement ground investigation will inform any subsequent detailed assessment and construction methodology, including groundwater control and protection measures where required.	oversight of watercourse crossings through the DCO.			recorded through the relevant DCO approval process.	

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Access to the Scheme will be taken from new permeable or existing farm tracks accessed from the local highway network.	To maintain permeability and existing drainage characteristics along access routes.	Embedded	Construction, Operation, Decommissioning	Access track construction and drainage performance will be inspected through the relevant management plans.	Requirement 5: Detailed design approval Requirement 11: Surface and foul water drainage Requirement 13: Construction environmental management plan (Table 5, page 29) Requirement 14: Operational environmental management plan (Table 5, page 24) Requirement 20: Decommissioning and restoration (Table 5, page 21)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Where practicable, existing access tracks would be retained. Where new access tracks are required, they would be designed to avoid crossing drainage ditches, where practicable.	To minimise interference with existing drainage ditches and land drainage.	Embedded	Construction, Operation, Decommissioning	Track alignments and drainage ditch crossings will be reviewed through detailed design and construction inspection.	Requirement 5: Detailed design approval Requirement 11: Surface and foul water drainage Requirement 13: Construction environmental management plan (Table 5, page 29) Requirement 14: Operational environmental management plan (Table 5, page 25) Requirement 20: Decommissioning and restoration (Table 5, page 21)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Appropriate SuDS and sediment control measures will be implemented where required to manage runoff and prevent sediment mobilisation, with inspection and maintenance undertaken throughout construction, operation and decommissioning phases, as secured through the detailed CEMP and OEMP.	To minimise interference with existing drainage ditches and land drainage.	Embedded	Construction, Operation, Decommissioning	Track alignments and drainage ditch crossings will be reviewed through detailed design and construction inspection.	Requirement 5: Detailed design approval Requirement 11: Surface and foul water drainage Requirement 13: Construction environmental management plan (Table 5, page 29) Requirement 14: Operational environmental management plan (Table 5, page 25) Requirement 20: Decommissioning and restoration (Table 5, page 21)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	A Water Management Plan (which will form part of a detailed CEMP) will include details of pre-construction, construction, and post-construction water quality monitoring. This will include visual inspections and risk based on-site measurements and sampling where appropriate. Monitoring is anticipated to be undertaken on a regular basis with increased frequency during periods of higher risk such as	To manage construction water quality and verify the effectiveness of pollution controls.	Embedded	Construction, Operation, Decommissioning	Water quality monitoring and reporting will be undertaken in accordance with the Water Management Plan.	Requirement 13: Construction environmental management plan (Table 5, page 31) Requirement 14: Operational environmental management plan (Covered in the Outline CEMP) Requirement 20: Decommissioning and restoration (Covered in the Outline CEMP)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	earthworks or concrete works, and continuing through construction and an appropriate period post-construction. Where sampling is undertaken, MCERTS methods will be used where applicable, with analysis undertaken by UKAS accredited laboratories. Details of monitoring frequency, locations, parameters, trigger levels and methods will be defined within the detailed Water Management Plan, proportionate to the sensitivity of the receiving environment.					
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Where trenchless crossing techniques such as HDD are used, appropriate environmental controls will be implemented to manage the risk of drilling fluid escape, sediment release and other pollution incidents. Measures will include drilling fluid risk management and breakout	To prevent pollution from trenchless crossings and provide an effective response to any drilling fluid breakout.	Embedded	Construction	Trenchless crossing works will be monitored in accordance with the approved method statements and contingency procedures.	Requirement 13: Construction environmental management plan (Table 5, page 37)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	contingency procedures within the trenchless drilling management plans, a surface spill response plan within the detailed CEMP, and compliance with the pollution prevention controls set out in the Outline CEMP [EN010168/APP/7.12]. Where trenchless works are anticipated to interact with groundwater within Primary or Secondary A aquifers, or beneath identified groundwater dependent ecological receptors, a proportionate Water Features Survey and Hydrogeological Risk Assessment will be undertaken to inform the detailed design and construction methodology.					
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	All service cabling would be designed and installed to be flood resilient / water compatible.	To ensure service cabling remains flood resilient and water compatible.	Embedded	Construction	Cable design and installation will be reviewed through detailed design and construction inspection.	Requirement 5: Detailed design approval Requirement 13: Construction environmental management plan (Table 5, page 38)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Construction/decommissioning groundworks would be kept as far from watercourses/drainage ditches as reasonably practicable and outside the applicable minimum buffer, except where an approved crossing or other essential watercourse-related works require access within the buffer. A minimum 8 m buffer will apply from any ditch or watercourse, with wider buffers applied where required by ecological sensitivity.	To minimise disturbance, sediment release and pollution risk near watercourses and drainage ditches.	Embedded	Construction, Decommissioning	Buffers and working areas will be shown on approved plans and checked during construction and decommissioning.	Requirement 8: Ecological protection and mitigation strategy (Paragraph 4.5.1, page 12) Requirement 13: Construction environmental management plan (Table 5, page 34) Requirement 20: Decommissioning and restoration (Table 5, page 21)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Works that are likely to generate silt-laden runoff (e.g. earthworks and excavations) will be done preferentially during the drier months of the year.	To reduce the risk of silt-laden runoff from earthworks and excavations.	Embedded	Construction, Decommissioning	Weather and ground conditions will be monitored before and during earthworks.	Requirement 13: Construction environmental management plan (Table 5, page 30) Requirement 20: Decommissioning and restoration (Table 5, page 21)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Where practicable, during the construction/decommissioning phases, applicable buffers would be preserved adjacent to sensitive receptors to reduce impacts. This includes	To protect sensitive receptors by maintaining appropriate working buffers.	Embedded	Construction, Decommissioning	Buffers will be shown on approved plans and checked during	Requirement 8: Ecological protection and mitigation strategy (Paragraph 4.5.1, page 12) Requirement 13: Construction environmental management plan (Table 5, page 30)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	a minimum 8 m buffer from any ditch or watercourse, increasing to 10 m or 15 m where ecological sensitivity requires, in accordance with the approved buffer schedule.				construction and decommissioning.	Requirement 20: Decommissioning and restoration (Table 5, page 21)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Construction compounds and stockpiles would be located as far from receptors as possible, including surface water, groundwater and ecological receptors, and managed in accordance with the pollution prevention controls set out in the Outline CEMP [EN010168/APP/7.12] . Topsoil and subsoil stockpiles will be stored a minimum of 30 m from watercourses on flat-lying land. Construction compounds, material storage and stockpiles will not be located within Flood Zone 3b and, where practicable, will be outside the 1 in 100 year flood extent.	To minimise pollution and flood risk from construction compounds, materials and soil stockpiles.	Embedded	Construction, Decommissioning	Compound and stockpile locations and controls will be checked through site inspections.	Requirement 13: Construction environmental management plan (Table 5, page 27) Requirement 17: Soil management (Paragraph 1.8.23) Requirement 20: Decommissioning and restoration (Table 5, page 22)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	A drainage system will be developed to prevent silt-laden runoff from entering surface water drains, watercourses and ponds without treatment (e.g. earth bunds, silt fences, straw bales, or proprietary treatment).	To prevent untreated silt-laden runoff from reaching surface water receptors.	Embedded	Construction, Decommissioning	Temporary drainage and silt controls will be inspected, particularly during and after rainfall.	Requirement 13: Construction environmental management plan (Table 5, page 35) Requirement 20: Decommissioning and restoration (Table 5, page 22)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Earth stockpiles will be seeded as soon as possible, covered with geotextile mats or surrounded by a bund.	To reduce erosion and sediment runoff from soil stockpiles.	Embedded	Construction, Decommissioning	Stockpiles and erosion controls will be inspected during construction and decommissioning.	Requirement 13: Construction environmental management plan (Table 5, page 30) Requirement 17: Soil management (Paragraph 1.8.23) Requirement 20: Decommissioning and restoration (Table 5, page 22)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Mud will be controlled at entry and exits to the Solar PV Sites using wheel washes and/or road sweepers. Where wheel washing is required, it will be undertaken in designated impermeable or lined areas, with wash water contained and either recycled or removed off-site by a licensed contractor, with no	To prevent mud and sediment being deposited on the highway or entering drainage systems.	Embedded	Construction, Decommissioning	Wheel washing, road cleanliness and drainage condition will be monitored during works.	Requirement 13: Construction environmental management plan (Table 5, page 40) Requirement 15: Construction traffic management plan (Section 6.9) Requirement 20: Decommissioning and restoration (Table 5, page 22)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	uncontrolled discharge to ground or surface water;					
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Tools and plant will be washed out and cleaned in designated areas at least 10 m from the bank of a watercourse within the Solar PV Sites compound, where runoff can be contained, isolated and treated before disposal. There will be no uncontrolled discharge. Washdown runoff will be contained and either removed off-site to a licensed facility or managed under relevant permits, with no uncontrolled discharge	To contain and treat wash water and prevent uncontrolled discharge to the water environment.	Embedded	Construction, Decommissioning	Washout areas and containment measures will be inspected during use.	Requirement 13: Construction environmental management plan (Table 5, page 31) Requirement 20: Decommissioning and restoration (Table 5, page 22)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Debris and other material such as dust will be prevented from entering nearby receptors through the use of standard construction-phase pollution control measures, such as silt fences, straw bales, bunding, wheel washing and dust suppression.	To prevent dust, debris and sediment from reaching nearby receptors.	Embedded	Construction, Decommissioning	Pollution control measures will be inspected during works and after significant rainfall or dry weather, where relevant.	Requirement 13: Construction environmental management plan (Table 5, page 33 and page 35) Requirement 20: Decommissioning and restoration (Table 5, page 22)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Construction/decommissioning SuDS (such as temporary attenuation) to be used during construction/decommissioning if necessary.	To manage temporary runoff and flood risk during construction and decommissioning.	Embedded	Construction, Decommissioning	Temporary drainage measures will be inspected and maintained for the duration of the works.	Requirement 13: Construction environmental management plan (Table 5, page 32) Requirement 20: Decommissioning and restoration (Table 5, page 22)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Fuel for construction vehicles will be stored and managed in compliance with the Control of Substances Hazardous to Health Regulations 2002 and the Control of Pollution (Oil Storage) (England) Regulations 2001.	To prevent pollution from the storage and handling of fuel.	Embedded	Construction	Fuel storage and handling arrangements will be inspected and incidents recorded.	Requirement 13: Construction environmental management plan (Table 5, page 35)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	A Piling Risk Assessment (PRA) will be completed before works on the 132 kV and 400 kV substation foundations, using ground investigation data and following CL:AIRE (2025) guidance. It will consider piling technology, site conditions, historic contamination, risks from future activities (e.g. spills, leaks), and seek to	To protect groundwater by managing risks associated with substation foundation works.	Embedded	Construction	The Piling Risk Assessment will be completed before works and its measures checked during construction.	Requirement 13: Construction Environmental management plan (Table 5, page 33)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	minimise preferential pathways to groundwater receptors					
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Fuel and other potentially polluting chemicals are to be stored in self-bunded leak-proof containers or in a secure impermeable and bunded area with a minimum capacity of 110% of the capacity of the containers, with rainwater management and oil separation included where required.	To contain leaks and spills from fuel and chemical storage.	Embedded	Construction	Storage areas and bunding will be inspected and spills or defects recorded.	Requirement 13: Construction environmental management plan (Table 5, page 35)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Refuelling of plant to take place off the Solar PV Sites, where practicable, or only in a designated area at the Solar PV Sites compound ideally at least 20 m from sensitive receptors.	To minimise pollution risk during refuelling.	Embedded	Construction	Refuelling arrangements will be checked through site inspections and incidents recorded.	Requirement 13: Construction environmental management plan (Table 5, page 36)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	All plant/machinery/vehicles will be regularly inspected and maintained to ensure they are in good working order and clean for use in a sensitive environment. This	To reduce pollution risk from poorly maintained or contaminated plant, machinery and vehicles.	Embedded	Construction	Plant inspection and maintenance records will be retained.	Requirement 13: Construction environmental management plan (Table 5, page 36)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	maintenance is to take place off the Solar PV Sites, where practicable, or only at designated areas in the Solar PV Sites compound.					
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	All fixed plant used on the Solar PV Sites would be self-bunded, meaning the equipment will have an integrated containment system designed to prevent any potential leaks or spills from escaping.	To contain leaks and spills from fixed plant at source.	Embedded	Construction	Self-bunded plant will be inspected and maintained.	Requirement 13: Construction environmental management plan (Table 5, page 36)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Plant to be in good working order, kept clean and fitted with drip trays and plant nappies where appropriate.	To prevent minor leaks and drips from reaching soil or drainage systems.	Embedded	Construction	Drip trays and plant nappies will be checked as part of routine plant inspections.	Requirement 13: Construction environmental management plan (Table 5, page 36)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	An Emergency Response Plan will be prepared. Spill kits and oil absorbent material to be carried by mobile plant and located at vulnerable locations on the Solar PV Sites. Construction workers will receive spill response training.	To provide a prompt and effective response to pollution incidents.	Embedded	Construction	Spill equipment, training and incident records will be maintained.	Requirement 13: Construction environmental management plan (Table 5, page 36)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	The Solar PV Sites are to be kept secure to prevent vandalism that could lead to a pollution incident.	To reduce the risk of pollution incidents arising from unauthorised access or vandalism.	Embedded	Construction	Site security will be inspected and any incidents recorded.	Requirement 10: Fencing and other means of enclosure Requirement 13: Construction environmental management plan (Table 5, page 36)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Surface water drains on roads, other watercourse crossings or the core Scheme compound area will be identified and where there is a risk that silt laden runoff could enter them, they will be protected (e.g. covers or sandbags).	To prevent silt-laden runoff entering drains and watercourses.	Embedded	Construction	Drain and watercourse protection measures will be inspected during works and after significant rainfall.	Requirement 13: Construction environmental management plan (Table 5, page 37)
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Where HDD is used, a breakout contingency procedure and drilling fluid risk management measures will be included in the detailed CEMP and the relevant trenchless drilling management plans to manage accidental releases of drilling fluid, including immediate containment and clean-up measures. HDD	To prevent and manage drilling fluid breakout and other spills associated with HDD.	Embedded	Construction	HDD works will be monitored in accordance with the breakout and spill response procedures.	Requirement 13: Construction environmental management plan (Table 5, page 37)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	launch and reception pits will be located at least 10 m from the top of bank of watercourses, where practicable. A separate surface spill response plan will also be included within the detailed CEMP to manage spillage containment and clean-up at surface outside the context of drilling fluid breakout.					
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Concrete wash water, generated during construction when concrete operations come into contact with water, will be contained in suitable facilities (e.g. geotextile-wrapped skips, sealed containers, or earth-bunded areas), prevented from entering any drain or watercourse, and removed from site for disposal at a suitably licensed waste facility. Detailed controls for concrete works, including designated working areas, methods,	To prevent concrete wash water entering soil, groundwater or surface water.	Embedded	Construction	Concrete washout facilities will be inspected during use and disposal records retained.	Requirement 13: Construction environmental management plan (Table 5, page 37)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	timing, weather considerations and runoff management, will be set out within the detailed CEMP.					
Hydrology, Flood Risk, and Drainage [EN010168/APP/6.1]	Mitigation measures included in ES Volume 3 Appendix 11-1 to 11-8: Flood Risk Assessment and Outline Drainage Strategy	To inform detailed design	Embedded	Construction, Operation and Decommissioning	None required	Requirement 5 Detailed Design Requirement 11 Surface and Foul Water Drainage

Table 3-6: Cultural Heritage

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Cultural Heritage [EN010168/APP/6.1]	Where practicable, any hedgerow removal required as part of the construction phase (i.e. as part of the cable route corridor) will be kept to a minimum and be reinstated.	Reduce and reverse direct impacts to historic hedgerows.	Embedded	Construction	No routine monitoring required. Mitigation secured through the design process and verified as part of detailed design approval.	Requirement 7 Landscape and ecological management plan (Paragraph 1.1.7) Requirement 13 Construction environmental management plan (Table 6, page 45)
Cultural Heritage [EN010168/APP/6.1]	Construction traffic routes have been identified to avoid large increases in HGV movements near to heritage assets.	Remove the potential for direct impacts to heritage assets	Embedded	Construction, Decommissioning	No routine monitoring required. Mitigation secured through the design process and verified as part of detailed design approval.	Requirement 13 Construction environmental management (Table 6, page 45) Requirement 15 Construction traffic management plan Requirement 20 Decommissioning and restoration (Table 6, page 24)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Cultural Heritage [EN010168/APP/6.1]	An overarching Archaeological Mitigation Strategy (AMS) has been prepared which details the embedded mitigation required to safeguard archaeological assets identified within the Order Limits.	Mitigate impacts to archaeological assets	Embedded	Construction	Secured through the delivery of mitigation proposed in the oAMS in line with Requirement 12.	Requirement 12 Archaeology Requirement 13 Construction environmental management (Table 6, page 45)
Cultural Heritage [EN010168/APP/6.1]	A non-intrusive construction methodology has been proposed in Fields A1, A2, A3, A6, A7, A9, A10, B6, B9, C5, C11, C14, C30, C36, D1, D3, D6, D11, D20, D21, E1, E14, E20 and E21.	Remove direct impacts to archaeological assets	Embedded	Construction	No routine monitoring required. Mitigation secured through the oAMS and design process and secured through associated requirements.	Requirement 12 Archaeology Requirement 13 Construction environmental management plan (Table 6, page 46)
Cultural Heritage [EN010168/APP/6.1]	The use of trenchless cabling techniques (such as horizontal directional drilling (HDD)) below areas known to contain important archaeological remains at a suitable depth to avoid impacts to buried archaeological remains.	Remove direct impacts to archaeological assets	Embedded	Construction	No routine monitoring required. Mitigation secured through the oAMS and design process and secured through associated requirements.	Requirement 12 Archaeology Requirement 13 Construction environmental management plan (Table 6, page 46)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Cultural Heritage [EN010168/APP/6.1]	The Applicant and its Consultants will look for opportunities to better reveal or enhance the significance of the heritage assets affected.	To enhance an understanding of heritage assets and where possible create public benefits	Embedded	Construction	No routine monitoring required. Mitigation secured through the oAMS and design process and secured through associated requirements.	Requirement 12 Archaeology Requirement 13 Construction environmental management plan (Table 6, page 44)
Cultural Heritage [EN010168/APP/6.1]	Where preservation in situ has been identified as embedded mitigation for buried archaeological remains during the construction phase, this will be maintained during the operation and maintenance phase.	Remove direct impacts to archaeological assets	Embedded	Operation	No routine monitoring required. Secured through the oOEMP.	Requirement 14 Operational environmental management plan (Table 6, page 31)
Cultural Heritage [EN010168/APP/6.1]	Temporary fencing will be erected around 'no development' areas containing archaeological assets during decommissioning.	Remove direct impacts to archaeological assets	Embedded	Decommissioning	No routine monitoring required. Secured through the oDEMP.	Requirement 20 Decommissioning and restoration (Table 6, page 24)
Cultural Heritage [EN010168/APP/6.1]	Banksman would be aware of areas with archaeological assets and will be responsible for ensuring no vehicle/plant	Remove direct impacts to archaeological assets	Embedded	Decommissioning	Secured through the environmental management plans. Banksman will monitor	Requirement 20 Decommissioning and restoration (Table 6, page 24)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	movement occurs in these areas.				archaeologically sensitive areas.	
Cultural Heritage [EN010168/APP/6.1]	A Decommissioning Strategy will be agreed with the Archaeological Advisor to the relevant Local Planning Authority prior to decommissioning.	Remove direct impacts to archaeological assets	Embedded	Decommissioning	No routine monitoring required. Secured through the consent process for the oDEMP.	Requirement 20 Decommissioning and restoration (Table 6, page 24)
Cultural Heritage [EN010168/APP/6.1]	Adherence to an agreed approach on activities that generate noise (which can impact on the appreciation of heritage assets nearby).	Prevent changes to the setting of a heritage asset that could impact on its significance	Embedded	Decommissioning	No routine monitoring required. Secured through the environmental management plans.	Requirement 20 Decommissioning and restoration (Table 6, page 24)
Cultural Heritage [EN010168/APP/6.1]	Where required, WSIs will be appended to the AMS detailing the individual phases of work.	SSWSI will be produced that are appended to the oAMS that detail phases of archaeological mitigation works.	Additional	Construction	Works will be carried out in line with the oAMS which is secure by Requirement 12.	Requirement 12 Archaeology Requirement 13 Construction environmental management plan (Table 6, page 46)
Cultural Heritage [EN010168/APP/6.1]	The AMS includes the location and nature of the additional mitigation in the form of strip, map and sample excavation, archaeological monitoring and re-instatement of earthworks.	To mitigate direct impacts to archaeological assets	Additional	Construction	Works will be carried out in line with the oAMS which is secure by Requirement 12.	Requirement 12 Archaeology Requirement 13 Construction

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						environmental management plan (Table 6, page 46)
Cultural Heritage [EN010168/APP/6.1]	Any areas identified as no longer being suitable for a non-intrusive construction methodology will be subject to strip, map and sample prior to development or identified as areas of 'no solar development'.	To mitigate direct impacts to archaeological assets	Additional	Construction	Works will be carried out in line with the oAMS which is secure by Requirement 12.	Requirement 12 Archaeology Requirement 13 Construction environmental management (Table 6, page 46)
Cultural Heritage [EN010168/APP/6.1]	Construction transport management plan with inclusion of banksman, toolbox talks and protective barriers as needed (to manage road safety around access points).	To ensure no direct impacts to built heritage assets as a result of construction traffic	Additional	Construction	Secured through the environmental management plans. Banksman will monitor transport routes with a consideration to heritage assets.	Requirement 13 Construction environmental management plan (Table 6, page 44) Requirement 15 Construction traffic management plan

Table 3-7: Transport and Access

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Transport and Access [EN010168/APP/6.1]	The construction routes have been designed to utilise the most appropriate roads available, and to avoid, where practicable, designated or protected areas, height and weight restrictions and residential areas.	Manage construction traffic to minimise the effects on receptors within the study area.	Embedded	Construction	Implementation of booking system and Traffic Management Monitoring System (TMMS) for deliveries, using monitoring technologies to ensure compliance with proposed routes and delivery times. Applicant to manage TMMS and report to WC.	Requirement 5 Detailed design approval
Transport and Access [EN010168/APP/6.1]	All points of access and internal access tracks have been appropriately designed to accommodate HGV and AIL movements where required.	To ensure the safe movement of vehicles in and around the Scheme.	Embedded	Construction	Detailed design of access point to be subject to technical approval by WC.	Requirement 5 Detailed design approval
Transport and Access [EN010168/APP/6.1]	All construction routes can accommodate construction vehicle movements, with Highway Improvement Areas in place. Where the construction routes pass through sections of road that are considered narrow and	To ensure the safe movement of vehicles to and from the Order Limits.	Embedded	Construction	Detailed design of road widening to be subject to technical approval by WC. Traffic management subject to approval by WC.	Requirement 5 Detailed design approval

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	require widening, these have been adopted into the design as 'Highway Improvement Areas' which will ensure that sufficient passing room is present along the routes or traffic management is implemented to ensure the safe movement of construction vehicles.					
Transport and Access [EN010168/APP/6.1]	A Construction/Decommissioning Traffic Management Plan would be implemented prior to the commencement of the relevant phase. The C/DTMP will be prepared in accordance with the principles of the Outline CTMP, will be submitted and approved by the relevant planning authorities.	Manage construction traffic to minimise the effects on receptors within the study area.	Embedded	Construction, Decommissioning	Implementation of booking system and Traffic Management Monitoring System (TMMS) for deliveries, using monitoring technologies to ensure compliance with proposed routes and delivery times. Applicant to manage TMMS and report to WC.	Requirement 15 Construction traffic management plan (Paragraph 1.3.2) Requirement 20 Decommissioning and restoration (Table 7, page 26)
Transport and Access [EN010168/APP/6.1]	Delivery drivers, contractors and visitors will be advised of the construction routes in	Manage construction traffic to minimise the effects on receptors	Embedded	Construction	Implementation of booking system and Traffic Management Monitoring System	Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	advance of driving each specific access.	within the study area.			(TMMS) for deliveries, using monitoring technologies to ensure compliance with proposed routes and delivery times. Applicant to manage TMMS and report to WC.	management plan (Table 7, page 48) Requirement 15 Construction traffic management plan (Paragraph 6.5)
Transport and Access [EN010168/APP/6.1]	Signs to direct construction vehicles associated with the development will be installed along the agreed construction traffic route. Delivery drivers, contractors and visitors will be provided with a route plan in advance of delivering to the Order Limits to ensure that vehicles follow the identified route.	Manage construction traffic to minimise the effects on receptors within the study area	Embedded	Construction	All signage on the designated routes will be inspected daily by the Site Manager. Implementation of booking system Traffic Management Monitoring System (TMMS) for deliveries, using monitoring technologies to ensure compliance with proposed routes and delivery times. Applicant to manage TMMS and report to WC.	Requirement 13 Construction environmental management plan (Table 7, page 49) Requirement 15 Construction traffic management plan (Paragraph 4.5)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Transport and Access [EN010168/APP/6.1]	Where practicable, construction deliveries would be coordinated to avoid HGV movements during the traditional network peak morning (08:00 to 09:00) and peak afternoon (17:00 to 18:00) hours. In addition, construction worker shift patterns will be coordinated to avoid travel during the network peak hours of 08:00-09:00 and 17:00-18:00.	Manage construction traffic to minimise the effects on receptors within the study area	Embedded	Construction	Implementation of booking system Traffic Management Monitoring System (TMMS) for deliveries using monitoring technologies to ensure compliance with proposed routes and delivery times. Applicant to manage TMMS and report to WC. Implementation of Construction Worker Travel Plan. To be monitored by appointed Travel Plan Coordinator. Monitoring requirements to be agreed as part of final CTMPs.	Requirement 13 Construction environmental management plan (Table 7, page 50) Requirement 15 Construction traffic management plan (Paragraph 6.6)
Transport and Access [EN010168/APP/6.1]	Advisory signs informing contractors and visitors that parking will not be permitted on-street in the vicinity of the	Manage construction traffic to minimise the	Embedded	Construction	Implementation of Construction Worker Travel Plan. To be monitored by appointed	Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	Order Limits or on access roads.	effects on receptors within the study area			Travel Plan Coordinator. Monitoring requirements to be agreed as part of final CTMPs.	management plan (Table 7, page 50) Requirement 15 Construction traffic management plan (Paragraph 6.8)
Transport and Access [EN010168/APP/6.1]	All signage on the designated route will be inspected daily by the Site Manager, to ensure they are kept in a well maintained condition and located in safe and appropriate locations.	Manage construction traffic to minimise the effects on receptors within the study area	Embedded	Construction	All signage on the designated routes will be inspected daily by the Site Manager.	Requirement 13 Construction environmental management plan (Table 7, page 51) Requirement 15 Construction traffic management plan (Paragraph 6.5)
Transport and Access [EN010168/APP/6.1]	A compound area for contractors will be set up on-site, including appropriate parking spaces. Contractors and visitors will be advised that parking facilities will be provided on-site in advance of visiting the Order Limits and	Manage construction traffic to minimise the effects on receptors within the study area	Embedded	Construction	Implementation of Construction Worker Travel Plan. To be monitored by appointed Travel Plan Coordinator. Monitoring requirements to be	Requirement 15 Construction traffic management plan (Paragraph 4.7)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	that they should not park on-street.				agreed as part of final CTMPs.	
Transport and Access [EN010168/APP/6.1]	A wheel wash facility will be provided ahead of exiting the Order Limits allowing vehicles to be hosed down so that no construction vehicles will take mud or debris onto the local highway network.	To ensure the safe movement of vehicles to and from the Order Limits.	Embedded	Construction	To be managed, implemented and monitored by site manager. Contractor to determine frequency in development of final CTMPs.	Requirement 13 Construction environmental management plan (Table 7, page 51) Requirement 15 Construction traffic management plan (Paragraph 6.9)
Transport and Access [EN010168/APP/6.1]	A road sweeper will be provided for surrounding local roads along the designated route to alleviate any residual debris generated during the construction phase, as required.	To ensure the safe movement of vehicles to and from the Order Limits.	Embedded	Construction	To be managed, implemented and monitored by site manager. Contractor to determine frequency in development of final CTMPs.	Requirement 13 Construction environmental management plan (Table 7, page 51) Requirement 15 Construction traffic management plan (Paragraph 6.9)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Transport and Access [EN010168/APP/6.1]	The Order limits will be secured at all times with Heras fencing.	Manage construction traffic to minimise the effects on receptors within the study area	Embedded	Construction	To be managed, implemented and monitored by site manager. Contractor to determine frequency in development of final CTMPs.	Requirement 15 Construction traffic management plan (Paragraph 6.11)
Transport and Access [EN010168/APP/6.1]	A requirement for engines to be switched off on-site when not in use.	Manage construction traffic to minimise the effects on receptors within the study area	Embedded	Construction	To be managed, implemented and monitored by site manager. Contractor to determine frequency in development of final CTMPs.	Requirement 13 Construction environmental management plan (Table 7, page 51) Requirement 15 Construction traffic management plan (Paragraph 6.10)
Transport and Access [EN010168/APP/6.1]	Spraying of areas with water supplied as and when conditions dictate to prevent the spread of dust.	Manage construction traffic to minimise the effects on receptors within the study area	Embedded	Construction	To be managed, implemented and monitored by site manager. Contractor to determine frequency in development of final CTMPs.	Requirement 15 Construction traffic management plan (Paragraph 6.10)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Transport and Access [EN010168/APP/6.1]	Vehicles carrying waste material off-site to be sheeted.	To ensure the safe movement of vehicles to and from the Order Limits.	Embedded	Construction	To be managed, implemented and monitored by site manager. Contractor to determine frequency in development of final CTMPs.	Requirement 15 Construction traffic management plan (Paragraph 6.10)
Transport and Access [EN010168/APP/6.1]	Banksmen will be provided at Site access junctions where required to indicate to construction traffic when it is safe for them to enter and exit the Order Limits.	To ensure the safe movement of vehicles to and from the Order Limits.	Embedded	Construction	To ensure the safe movement of vehicles to and from the Order Limits.	Requirement 13 Construction environmental management plan (Table 7, page 50) Requirement 15 Construction traffic management plan (Paragraph 2.1.5)
Transport and Access [EN010168/APP/6.1]	All residents in the vicinity of the Order Limits along the designated route will be provided with contact details of the Community Liaison Manager, which will also be provided on a site-board at access and egress junctions.	Manage construction traffic to minimise the effects on receptors within the study area. To keep local community informed of construction	Embedded	Construction	Record of community liaison meetings to be kept by CTMP Co-ordinator.	Requirement 15 Construction traffic management plan (Paragraph 6.13)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
		timings, the use of specific access points and of confirmed AIL movements				
Transport and Access [EN010168/APP/6.1]	Agreement to a Road Condition/Dilapidation Survey with the local highway authority.	To ensure the safe movement of vehicles to and from the Order Limits and to maintain road condition for existing users	Embedded	Construction	An independent pre-construction, interim and post-construction road condition surveys to be undertaken. The final extent of the survey will be agreed with the local highway authority prior to commencement and as part of the Final CTMPs	Requirement 15 Construction traffic management plan (Paragraph 6.12)
Transport and Access [EN010168/APP/6.1]	An Outline Construction Worker Travel Plan would be implemented. This would include measures for the provision of shuttle buses to transport construction works to and from the Order Limits.	Manage construction related traffic to minimise the effects on receptors within the study area	Embedded	Construction	To be monitored by appointed Travel Plan Coordinator. Monitoring requirements to be agreed as part of final CTMPs.	Requirement 15 Construction traffic management plan (Appendix C)
Transport and Access [EN010168/APP/6.1]	Abnormal load movements would be managed by a specialist haulage company,	To ensure the safe movement of	Embedded	Construction	AIL licence to be obtained and undertaken in according	Requirement 15 Construction traffic

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	with the exact measures agreed with the Local Highways Authority and police prior to movements occurring.	vehicles to and from the Order Limits			with normal AIL process.	management plan (Paragraph 5.5.1)
Transport and Access [EN010168/APP/6.1]	An Outline Public Right of Way Management Plan and Permissive Paths would be implemented. The following measures would be implemented: - Provision of banksmen at either end of the PRow, to hold vehicles if a PRow user is present and advise PRow users of the potential for construction vehicles to be present; - Speeds to be limited to 5 mph; - Drivers to stop and give-way to any PRow user they encounter; - Appropriate signage to be installed along the PRow to make users aware of the	Manage construction related traffic to minimise the effects on receptors within the study area To ensure the safe movement of construction vehicles and PRow users to and from the Order Limits	Embedded	Construction	To be managed, implemented and monitored by site manager. Contractor to determine frequency in development of final CTMPs.	Requirement 13 Construction environmental management plan (Table 7, page 48) Requirement 15 Construction traffic management plan (Paragraph 6.2) Requirement 17 Public rights of way and permissive paths (Paragraph 3.2)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	construction activity. This will include information on construction times and contact details for a public liaison officer; • The PRow to be kept clear of construction vehicles and apparatus outside of permitted construction hours; and • Any damage to the surface of a PRow would be repaired as soon as practicable and returned to its original condition following completion of construction.					
Transport and Access [EN010168/APP/6.1]	Provision of suitable points of access for operation and maintenance phase vehicles with turning areas.	To ensure the safe movement of vehicles to and from the Order Limits	Embedded	Operation	Detailed design of access point to be subject to technical approval by WC.	Requirement 14 Operational environmental management plan (Table 7, page 33)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Transport and Access [EN010168/APP/6.1]	The planting of landscaping and screening to conceal reflections from the Solar PV Panels as far as possible, which could affect drivers on the local highway network.	To ensure the safety for existing users of the highway network	Embedded	Operation	Design of proposed landscaping and screening to be approved by WC.	Requirement 7 Landscape and ecological management plan (Paragraph 1.2)
Transport and Access [EN010168/APP/6.1]	Implementation of measures from the Outline CTMP (where appropriate) during the programme of replacement for the Solar PV Panels and BESS Batteries.	Manage construction related traffic to minimise the effects on receptors within the study area.	Embedded	Operation	Final measures to be agreed and finalised with WC before the programme of replacement.	Requirement 14 Operational environmental management plan (Table 7, page 33) Requirement 15 Construction traffic management plan (Paragraph 7.1)
Transport and Access [EN010168/APP/6.1]	The provision of new non-vehicular permissive paths on each of the Solar PV Sites. These permissive paths are to remain open up to 364 days per year throughout the proposed 60-year operational lifetime of the Scheme.	To improve movement and connections for non-motorised users	Embedded	Operation	To be implemented as part of agreed final layout design.	Requirement 14 Operational environmental management plan (Table 7, page 33) Requirement 17 Public rights of way and permissive paths (Paragraph 3.4)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Transport and Access [EN010168/APP/6.1]	A Stage 1 and Stage 2 Road Safety Audit would be undertaken at all access junctions pre-construction.	To ensure the safe movement of vehicles to and from the Order Limits	Additional	Construction	Required as part of the technical approval process by WC.	Requirement 15 Construction traffic management plan (Paragraph 2.3)
Transport and Access [EN010168/APP/6.1]	Traffic Management Measures would be implemented, including signage to warn drivers of the presence of construction traffic. Traffic marshals or banksmen will also be utilised to ensure the safe passage of construction vehicles at access junctions.	To ensure the safe movement of vehicles to and from the Order Limits	Additional	Construction, Planned Replacement, Decommissioning	To be applied for by Applicant and approved by WC.	Requirement 13 Construction environmental management plan (Table 7, page 49) Requirement 15 Construction traffic management plan (Paragraph 2.4)
Transport and Access [EN010168/APP/6.1]	Where trenching is required across roads this would be managed through Traffic Management and diversions where available. On no-through roads any affected residents or businesses will be notified and works undertaken in a day or night for excavation and another day or night for to allow for curing time of the tarmac. Steel plates will be available on site for	To ensure highway safety for existing users.	Additional	Construction, Planned Replacement, Decommissioning	To be applied for by Applicant and approved by WC.	Requirement 15 Construction traffic management plan (Paragraph 2.4)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	emergencies or emergency vehicle access.					

Table 3-8: Noise and Vibration

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Noise and Vibration [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on noise and vibration.	Minimise potential noise levels at receptors	Embedded	Construction, Operation, Decommissioning	Form of monitoring to be agreed with Wiltshire Council, if required	Requirement 5 Detailed design approval
Noise and Vibration [EN010168/APP/6.1]	All contractors to be familiar with measures to control noise as defined in Annex B of BS 5228-1:2014 and measures to control vibration as defined in Section 8 of BS 5228-2:2014 and adoption of these where reasonably practicable.	Minimise noise and vibration from construction and decommissioning activities	Embedded	Construction, Decommissioning	Regular review of the delivery of the CEMP and DEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 54) Requirement 20 Decommissioning and restoration (Table 8, page 29)
Noise and Vibration [EN010168/APP/6.1]	Ensuring that all appropriate processes, procedures and measures are in place to minimise noise before works begin and throughout the construction programme.	Minimise noise and vibration from construction and decommissioning activities	Embedded	Construction, Decommissioning	Regular review of the delivery of the CEMP and DEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 54) Requirement 20 Decommissioning and restoration (Table 8, page 29)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Noise and Vibration [EN010168/APP/6.1]	When works are taking place within close proximity to sensitive receptors, the screening of noise sources via the erection of temporary screens would be employed where practicable.	Minimise noise and vibration from construction and decommissioning activities	Embedded	Construction, Decommissioning	Regular review of the delivery of the CEMP and DEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 54) Requirement 20 Decommissioning and restoration (Table 8, page 29)
Noise and Vibration [EN010168/APP/6.1]	All construction/decommissioning machinery would be regularly maintained to control noise emissions, with particular emphasis on lubrication of bearings and the integrity of silencers.	Minimise noise and vibration from construction and decommissioning activities	Embedded	Construction, Decommissioning	Regular review of the delivery of the CEMP and DEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 54) Requirement 20 Decommissioning and restoration (Table 8, page 29)
Noise and Vibration [EN010168/APP/6.1]	All construction plant and equipment to be properly maintained, silenced where appropriate, operated to prevent excessive noise and switched off when not in use.	Minimise noise and vibration from construction and decommissioning activities	Embedded	Construction, Decommissioning	Regular review of the delivery of the CEMP and DEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 54)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						Requirement 20 Decommissioning and restoration (Table 8, page 29)
Noise and Vibration [EN010168/APP/6.1]	As far as practicable, works will be programmed to avoid noisy operations occurring simultaneously in close proximity to the same sensitive receptor	Minimise noise and vibration from construction and decommissioning activities	Embedded	Construction, Decommissioning	Regular review of the delivery of the CEMP and DEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 58) Requirement 20 Decommissioning and restoration (Table 8, page 29)
Noise and Vibration [EN010168/APP/6.1]	As far as practicable, construction compounds shall be located a minimum of 250 m from residential receptors.	Minimise noise and vibration from construction and decommissioning activities	Embedded	Construction, Decommissioning	Regular review of the delivery of the CEMP and DEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 54) Requirement 20 Decommissioning and restoration (Table 8, page 29)
Noise and Vibration [EN010168/APP/6.1]	Adherence to the core working hours will be 07:00 to 18:00	Manage noise and vibration from construction and	Embedded	Construction, Decommissioning	Regular review of the delivery of the CEMP	Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	Monday to Friday and between 08:00 to 13:00 on Saturdays. No Sunday or Bank Holiday working unless crucial to construction (for example for Horizontal Direction Drilling (HDD) which must be a continuous activity) or in an emergency.	decommissioning activities			and DEMP by the contractor	management plan (Table 8, page 54) Requirement 20 Decommissioning and restoration (Table 8, page 29)
Noise and Vibration [EN010168/APP/6.1]	Provision of information to the relevant local authority and local residents to advise of potential noisy works that are due to take place.	Minimise disruption from construction and decommissioning activities	Embedded	Construction, Decommissioning	Regular review of the delivery of the CEMP and DEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 54) Requirement 20 Decommissioning and restoration (Table 8, page 29)
Noise and Vibration [EN010168/APP/6.1]	A construction noise monitoring scheme would be developed in line with the Outline CEMP and agreed with appropriate stakeholders following appointment of a principal contractor and prior to the commencement of construction works. This would	Manage noise and vibration from construction and decommissioning activities	Embedded	Construction, Decommissioning	Monitoring of construction noise throughout the programme and reporting to Wiltshire Council	Requirement 13 Construction environmental management plan (Table 8, page 54) Requirement 20 Decommissioning

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	be as part of a Section 61 consent application for works outside of core hours.					and restoration (Table 8, page 29)
Noise and Vibration [EN010168/APP/6.1]	HDD works would be avoided within 80m of residential receptors).	Minimise noise and vibration from construction and decommissioning activities	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 55)
Noise and Vibration [EN010168/APP/6.1]	The potential for the use of quieter equipment will be explored by the principal contractor.	Minimise noise and vibration from construction and decommissioning activities	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 55)
Noise and Vibration [EN010168/APP/6.1]	Depending on the location, plant and timing of works, temporary acoustic fencing will be installed around the HDD site boundary to screen receptors from noise emission.	Minimise noise and vibration from HDD activities	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 55)
Noise and Vibration [EN010168/APP/6.1]	Where necessary, an application for Section 61 Control of Pollution Act 1974 consent will be made.	Manage noise and vibration from construction and decommissioning activities	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 55)
Noise and Vibration [EN010168/APP/6.1]	Where practicable, the site layout has been developed to minimise noise and vibration	Minimise noise and vibration from Scheme operation	Embedded	Operation	Form of monitoring to be agreed with Wiltshire Council, if required	Requirement 5 Detailed design approval

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	effects at sensitive receptor locations. The BESS Area and Substation sites have been located a minimum of 450 m and 400 m from receptor locations respectively.					Requirement 14 Operational environmental management plan (Table 8, page 34)
Noise and Vibration [EN010168/APP/6.1]	A 2m bund with additional 3m barrier around the eastern and southern boundary of the BESS Area has been incorporated within the design of the Scheme to attenuate noise and to reduce visual impacts.	Minimise noise and vibration from Scheme operation	Embedded	Operation	Form of monitoring to be agreed with Wiltshire Council, if required	Requirement 5 Detailed design approval Requirement 14 Operational environmental management plan (Table 8, page 34)
Noise and Vibration [EN010168/APP/6.1]	Noise at sensitive receptors will be no higher than the levels presented in Section 14.10 of Chapter 14: Noise and Vibration of the ES [EN010168/APP/6.1].	Minimise noise from Scheme operation	Embedded	Operation	Remodelling of the Scheme at detailed design and reporting to Wiltshire Council	Requirement 14 Operational environmental management plan (Table 8, page 34)
Noise and Vibration [EN010168/APP/6.1]	If required, additional plant mitigation would be used in the form of silencers, attenuation kits and enclosures from manufacturer specification sheets and information on	Minimise noise and vibration from Scheme operation	Embedded	Operation	To feed into the remodelling and be reported to Wiltshire Council	Requirement 14 Operational environmental management plan (Table 8, page 35)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	similar types of installations. This includes: • Silencer units on 75% (198) of BESS Containers; • Silencer units on all (90) BESS Inverters; • Seven Conversion Units in the vicinity of the BESS Area in Lime Down D to have silencers ; • Four Conversion Units in Lime Down C to have silencers; • Six Conversion Units in Lime Down B to have silencers; and • All 132 kV and 400 kV Substation Transformers to be housed in enclosures.					
Noise and Vibration [EN010168/APP/6.1]	Annual monitoring of operational noise levels throughout the lifetime of the Scheme	Minimise noise and vibration from Scheme operation	Embedded	Operation	Monitoring of the central BESS area and reporting to Wiltshire Council within 4 weeks	Requirement 14 Operational environmental management plan (Table 8, page 34)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
					with a plan for remedial action if required	
Noise and Vibration [EN010168/APP/6.1]	A communication strategy with the residential receptor that may experience temporary elevated noise levels to inform occupants on the timing and duration of any construction activities taking place in close proximity.	Manage noise, vibration and disruption from construction activities	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental management plan (Table 8, page 55)

Table 3-9: Air Quality

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Air Quality [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on air quality, including the sensitive routing and siting of infrastructure.	To minimise emissions to air	Embedded	Construction, Operation, Decommissioning	No routine monitoring required. Mitigation secured through the design process and verified as part of detailed design approval.	Requirement 5 Detailed design approval
Air Quality [EN010168/APP/6.1]	Communications - Develop and implement a Stakeholder Communications Plan that includes community engagement before work commences on-site; and - Display the name and contact details of person(s) accountable for air quality and dust issues on the Site. This may be the Environmental Manager,	To minimise emissions to air	Embedded	Construction, Operation, Decommissioning	Regular site inspections to monitor compliance with the Dust Management Plan (DMP), with inspection records maintained. Record and investigate complaints and maintain records of corrective actions and DMP compliance.	Requirement 13 Construction environmental management plan (Table 9, page 57) Requirement 14 Operational environmental management plan (Table 9, page 38) Requirement 20 Decommissioning and restoration

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	- Display the Contractor's head or regional office contact information. Dust Management - Develop and implement a Dust Management Plan (DMP), which may include measures to control other emissions, approved by the relevant local authorities. Site Management - Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken; - Make the complaints log available to the local authority when asked;					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	- Record any exceptional incidents that cause dust and/or air emissions, either on- or off-site, and the action taken to resolve the situation in the logbook; and - Hold regular liaison meetings with other high risk construction sites within 500m of the site boundary, to ensure plans are co-ordinated and dust and particulate matter emissions are minimised. It is important to understand the interactions of the off-site transport/deliveries which might be using the same strategic road network routes. Preparing and maintaining the site					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	- Plan site layout so that machinery and dust causing activities are located away from receptors, as far as is possible; - Erect solid screens or barriers around dusty activities or the site boundary so that are at least as high as any stockpiles on site; - Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period; - Avoid site runoff of water or mud; - Keep site fencing, barriers and scaffolding clean using wet methods; - Remove materials that have a potential to produce dust from site					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	as soon as possible, unless being re-used on site. If they are being re-used on-site, cover as described below; and - Cover, seed or fence stockpiles to prevent wind whipping. Operating vehicle/machinery and sustainable travel - Ensure all off-road vehicles comply with the requirements of the Non-Road Mobile Machinery (NRMM) standards, where applicable. Use stage 4 NRMM as a minimum and stage 5 where possible; - Ensure all vehicles/machinery are switched off when stationary/not in use; - Avoid the use of diesel- or petrol-powered generators					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	and use mains electricity or battery powered equipment where practicable; • Impose and signpost a maximum-speed-limit of 15mph on surfaced and 10mph on unsurfaced haul roads and work areas (if long haul routes are required, these speeds may be increased with suitable additional control measures provided, subject to the approval of the nominated undertaker and with the agreement of the local authorities, where appropriate); • Produce a Construction Traffic Management Plan to manage the sustainable delivery of goods and materials;					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	- Implement a Travel Plan that supports and encourages sustainable travel (public transport, cycling, walking, and car-sharing); and - Signs to direct construction vehicles associated with the Scheme will be installed along the construction traffic route. Operations - Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g. suitable local exhaust ventilation systems; - Ensure an adequate water supply on the					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	site for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate; • Use enclosed chutes and conveyors and covered skips; • Minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate; and • Ensure equipment is readily available on site to clean any dry spillages and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods. Waste Management					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	- No bonfires or burning of waste materials. Earthworks - Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable; - Use Hessian, mulches or tackifiers where it is not possible to re-vegetate or cover with topsoil, as soon as practicable; and - Only remove the cover in small areas during work and not all at once. Construction - Avoid scabbling (roughening of concrete surfaces) if possible; - Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place; • Ensure bulk cement and other fine powder materials are delivered in enclosed tankers and stored in silos with suitable emission control systems to prevent escape of material and overfilling during delivery; and • For smaller supplies of fine powder materials ensure bags are sealed after use and stored appropriately to prevent dust. Trackout • Use water-assisted dust sweeper(s) on the access and local roads, to remove, as					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	necessary, any material tracked out of the site; • Avoid dry sweeping of large areas. In dry conditions, areas near to the Site access will be sprayed with water supplied to prevent the spread of dust; • Ensure vehicles entering and leaving sites are covered to prevent escape of materials during transport; • Inspect on-site haul routes for integrity and instigate necessary repairs to the surface as soon as reasonably practicable; • Record all inspections of haul routes and any subsequent action in a site logbook; • Install hard surfaced haul routes, which are					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	regularly damped down with fixed or mobile sprinkler systems, or mobile water bowsers and regularly cleaned; - Implement a wheel washing system (with rumble grids to dislodge accumulated dust and mud prior to leaving the site where reasonably practicable). A wheel washing facility will be provided at each access. This will be located at the end of each access road, ahead of the egress onto the local highway network; - A visual inspection of vehicles will be undertaken before they depart the Site, to ensure that they are not carrying any					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	residual debris onto the highway; • If required, a road sweeper will be provided for the area surrounding access to alleviate any residual debris generated during the construction phase, as required; • Ensure there is an adequate area of hard surfaced road between the wheel wash facility and the site exit, wherever site size and layout permits; and • Entrance gates to be located at least 10m from receptors where possible. Monitoring • Undertake daily on-site and off-site inspection, where receptors (including roads) are nearby, to monitor dust, record inspection					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	results, and make the log available to the local authorities when asked. This should include regular dust soiling checks of surfaces such as street furniture, cars and windowsills within 100m of site boundary, with cleaning to be provided if necessary; - Carry out regular site inspections to monitor compliance with the DMP, record inspection results, and make an inspection log available to the local authorities when asked; - Increase the frequency of site inspections by the person accountable for air quality and dust issues on site when activities with a high potential to produce dust are being					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	carried out and during prolonged dry or windy conditions; and Agree dust deposition, dust flux, or real-time PM₁₀ continuous monitoring locations with the local authority. Where possible, commence baseline monitoring at least three months before work commences on site or, if it a large site, before work on a phase commences. Any unforeseen issues that arise in relation to construction vehicle movements will be logged by the Site Manager. If necessary, the issues will be discussed with the local highway authority so that they can be resolved as appropriate.					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Air Quality [EN010168/APP/6.1]	- Vehicles will be correctly maintained and operated in accordance with manufacturer's recommendations and in a responsible manner. All plant and vehicles will be required to switch off their engines when not in use and when it is safe to do so. In addition, plant and vehicles will conform to relevant applicable standards for the vehicle type as follows: - Euro 4 (Oxides of Nitrogen (NOx)) for petrol cars, vans and minibuses; and - Euro 6 (NOx and PM) for diesel cars, vans and minibuses. - Euro VI (NOx and PM) for lorries, buses, coaches and Heavy Goods Vehicles	To minimise emissions to air	Embedded	Construction, Operation, Decommissioning	Maintain records demonstrating compliance with the required vehicle emission standards and maintenance requirements. Undertake periodic inspections to verify compliance with no-idling procedures and record any corrective actions taken.	Requirement 13 Construction environmental management plan (Table 9, page 61) Requirement 14 Operational environmental management plan (Table 9, page 37) Requirement 20 Decommissioning and restoration

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	(excluding specialist abnormal indivisible loads).					
Air Quality [EN010168/APP/6.1]	- Ensure the back-up generators adhere to Stage V emissions standards and seek alternatives where possible, such as batteries or alternative fuel; and - Should a diesel generator be used at the 132kV Substation located at Lime Down E, ensure it is placed as far from North Bincombe Wood Ancient Woodland and Rodbourne Plantation Local Wildlife Site as possible and that testing is kept to a minimum.	To minimise emissions to air	Embedded	Operation	Maintain records of generator specification, maintenance and testing. Undertake periodic inspections to verify compliance with Stage V emission standards and operational controls.	Requirement 14 Operational environmental management plan (Table 9, page 37)
Air Quality [EN010168/APP/6.1]	Notification of potentially affected residents including advice on the health	To protect public health by minimising exposure to smoke and air pollutants	Embedded	Operation	Maintain records demonstrating implementation of the Battery Safety	Requirement 6 Battery Safety Management (Paragraph 5.5.15)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	effects of smoke and ways to reduce exposure (e.g. close windows and stay indoors); • Notification of potentially affected members of the public to move to a cleaner air location; • Cancellation of outdoor events and potentially moving affected residents to a cleaner air location; • Should there be a BESS fire in close proximity to the road, the site operator to determine wind direction and seek to close the road if deemed necessary; and • Should there be a BESS fire in close proximity to the rail line, the site operator to determine the wind direction	during a BESS fire incident.			Management Plan and Emergency Response Plan.	Requirement 14 Operational environmental management plan (Table 9, page 37)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	and notify Network Rail if deemed necessary.					

Table 3-10: Socio-Economics, Tourism and Recreation

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on socio-economics, tourism and recreation.	Reduction of adverse effects to socio-economic conditions.	Embedded	Construction, Operation, Decommissioning	Agreement of detail design by local planning authority.	Requirement 5 Detailed design approval
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Offsets and planting buffers from roads, PRoW, neighbouring buildings, and other tourism destinations.	Reduction of adverse effects to resident and visitor experience of the Scheme location.	Embedded	Construction, Operation, Decommissioning	Agreement of detail design by local planning authority.	Requirement 5 Detailed design approval Requirement 17 Public rights of way and permissive paths (Paragraph 4.1.2)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Routing of PRoW is retained.	Reduction of adverse effects to PRoW users, and protection of public access to the countryside.	Embedded	Operation	Monitoring of quality of PRoWs and efficacy of management strategies in coordination with Wiltshire Council Countryside Access team.	Requirement 5 Detailed design approval Requirement 14 Operational environmental management plan (Table 10, page 43)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						Requirement 17 Public rights of way and permissive paths (Paragraph 4.1.1) Requirement 20 Decommissioning and restoration (Table 10, page 36)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Provision of a construction/ decommissioning schedule to retain appropriate flexibility to be phased and staggered across the Solar PV Sites and Cable Route Corridor.	Reduction of adverse effects to socio-economic conditions.	Embedded	Construction, Decommissioning	Community impacts monitored by the Community Liaison Manager and Group. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 13 Construction environmental management plan (Table 10, page 63) Requirement 20 Decommissioning and restoration (Table 10, page 36)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	The construction/ decommissioning contractor to provide support for construction workers to find suitable accommodation, either in the form of private rental accommodation, or hotels or other serviced	Reduction of adverse effects on access to housing for residents and to tourists and visitors needing local accommodation.	Embedded	Construction, Decommissioning	Agreement of monitoring and reporting requirements with local planning authority.	Requirement 13 Construction environmental management plan (Table 10, page 63) Requirement 20 Decommissioning

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	accommodation, in locations where impact upon existing residents and visitors can be minimised.					and restoration (Table 10, page 36)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Measures would be implemented to mitigate visual impacts from construction/ decommissioning operations, lighting, and the location of equipment and compounds.	Reduction of adverse effects to socio-economic conditions from visual impacts.	Embedded	Construction, Decommissioning	Agreement of detail design by local planning authority. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 13 Construction environmental management plan (Table 10, page 64) Requirement 20 Decommissioning and restoration (Table 10, page 36)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Construction, operation and decommissioning traffic would be controlled to maintain accessibility and desirability of PRow, recreational use of highways, accessibility and desirability of recreation centres and facilities, use, accessibility and desirability of local tourist attractions.	Reduction of adverse effects to socio-economic conditions from impacts to accessibility to businesses, attractions, and recreation.	Embedded	Construction, Operation, Decommissioning	Monitoring of Scheme traffic movements and impacts on the highway and PRow network in coordination with Wiltshire Highways team and Community Liaison Group. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 13 Construction environmental management plan (Table 10, page 63) Requirement 14 Operational environmental management plan (Table 10, page 42)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						Requirement 15 Construction traffic management plan (Paragraph 6.2) Requirement 17 Public rights of way and permissive paths (Paragraph 1.2.1) Requirement 20 Decommissioning and restoration (Table 10, page 36)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	The impact of fear and intimidation from construction/decommissioning traffic on vulnerable shared road users (such as pedestrians, cyclists, and horse riders) would be managed through control of the routing and number of HGV movements.	Reduction of adverse effects to vulnerable highway users.	Embedded	Construction, Decommissioning	Monitoring of Scheme traffic movements and impacts on the highway and PRow network in coordination with Wiltshire Highways team and Community Liaison Group. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 15 Construction traffic management plan (Paragraph 1.3.3) Requirement 20 Decommissioning and restoration (Table 10, page 37)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Recreational facilities and routes crossing the Scheme would be kept open during construction and decommissioning, where practicable, with any crossing or traffic conflict points overseen by spotters or banksmen for HGVs. Where closures are deemed to be necessary, these will be prioritised for overnight work, where practicable, will be temporary in nature and supported by appropriate amount of advance notice with closure times and dates clearly provided, and, if appropriate, suitable diversions for recreational routes.	Reduction of adverse effects to PRow users and vulnerable highway users.	Embedded	Construction, Decommissioning	Monitoring of Scheme traffic movements and impacts on the highway and PRow network in coordination with Wiltshire Highways team and Community Liaison Group. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 13 Construction environmental management plan (Table 10, page 65) Requirement 15 Construction traffic management plan (Paragraph 4.7.4) Requirement 17 Public rights of way and permissive paths (Paragraph 3.3.5) Requirement 20 Decommissioning and restoration (Table 10, page 36)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Monitoring would be undertaken along PRowS during construction and decommissioning. This would include regular inspections of PRowS within the Order Limits, including additional	Reduction of adverse effects to PRow users and socio-economic conditions.	Embedded	Construction, Decommissioning	Monitoring of PRow network in coordination with Wiltshire Council Countryside Access team and Community Liaison Group.	Requirement 13 Construction environmental management plan (Table 10, page 65)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	inspections for PRoWs subject to onsite diversions or closures to ensure a suitable quality of surface, and any required diversion signage is in place.				Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 17 Public rights of way and permissive paths (Paragraph 3.2.1) Requirement 20 Decommissioning and restoration (Table 10, page 36)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	A Community Liaison Manager would be available for members of the public to report any concerns or issues with PRoWs during construction and decommissioning and should report any concerns to the responsible site manager to oversee any investigative, and if required, remediation work.	Reduction of adverse effects to PRoW users and socio-economic conditions.	Embedded	Construction, Operation, Decommissioning	Key Performance Indicators for the efficacy of the Community Liaison Manager and Group, and their level of influence in the Scheme.	Requirement 13 Construction environmental management plan (Table 10, page 66) Requirement 14 Operational environmental management plan (Table 12, page 46) Requirement 17 Public rights of way and permissive paths (Paragraph 3.2.1)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						Requirement 20 Decommissioning and restoration (Table 10, page 36)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Provision of additional signage to enforce preferred HGV and construction traffic routes particularly where non-compliance would cause adverse effects to tourism and recreation receptors; provide warning signs at points where PRowS and recreational routes cross construction traffic routes onsite.	Reduction of adverse effects to socio-economic conditions.	Additional	Construction	Monitoring in coordination with Wiltshire Council Countryside Access team, Highways team, and Community Liaison Group. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 15 Construction traffic management plan (Paragraph 4.5.1) Requirement 17 Public rights of way and permissive paths (Paragraph 4.1.4)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Provision of banksmen to control sensitive points on HGV routes, such as shared site entrances or where PRowS are also being used as HGV access points.	Reduction of adverse effects to PRow users.	Additional	Construction	Monitoring of PRow network in coordination with Wiltshire Council Countryside Access team and Community Liaison Group. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 15 Construction traffic management plan (Paragraph 6.2) Requirement 17 Public rights of way and permissive paths (Paragraph 3.2.1)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Diversion of footpath WT GRIT 20 and bridleway WT MALW 54, where access to Cable Route Corridor works east of Grittleton, and HGV access to Lime Down E are taken respectively.	Reduction of adverse effects to PRow users.	Additional	Construction	Monitoring of PRow network in coordination with Wiltshire Council Countryside Access team and Community Liaison Group. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 17 Public rights of way and permissive paths (Paragraph 3.3.4)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	The Scheme allows for continued income for eligible landowners by way of ground rent in place of the loss of income from agricultural use of the Solar PV Sites.	Reduction of adverse effects to economic conditions for agricultural businesses.	Embedded	Operation	Engagement between landowners and the Scheme's undertaker.	Requirement 14 Operational environmental management plan (Table 10, page 44)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Mitigation measures, such as noise attenuation, glint and glare mitigation, and additional landscape screening to residential and other sensitive receptors would be implemented. These measures would control visual, accessibility, and operational and maintenance traffic impacts from the Scheme.	Reduction of adverse effects to socio-economic conditions that result from physical aspects of the Scheme.	Embedded	Operation	Agreement of detail design by local planning authority. Reporting on the efficacy of the key community contact role during the operational lifetime of the Scheme.	Requirement 7 Landscape and ecological management plan (Paragraph 1.2.1) Requirement 14 Operational environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						management plan (Table 10, page 43)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Any diversions to PRoW and other recreational routes, if required during replacement activities, will be temporary with original routing restored as soon as practicable, appropriately signed, and the duration and length of diversions will be optimised.	Reduction of adverse effects to PRoW users.	Embedded	Operation	Monitoring of PRoW network in coordination with Wiltshire Council Countryside Access team and Community Liaison Group. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group (during peak replacement activities).	Requirement 14 Operational environmental management plan (Table 10, page 43) Requirement 17 Public rights of way and permissive paths (Paragraph 4.3.2)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Peaks in operational and maintenance activity are anticipated to take place in association with replacement of Solar PV Panels and BESS Batteries. In these instances, embedded mitigation and best practice measures set out for construction will be reintroduced and implemented for these periods of peak activity on the Scheme.	Reduction of adverse effects to socio-economic conditions.	Embedded	Operation	Reporting on efficacy of mitigation measures during construction to ensure they are maintained or improved where applicable to peak operational and maintenance activity.	Requirement 14 Operational environmental management plan (Table 10, page 43)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	During the replacement of Solar PV Panels and BESS Batteries, traffic management may be reintroduced, including banksmen at sensitive points on the highway network or at PRow and recreational route crossing points.	Reduction of adverse effects to PRow users and vulnerable highway users.	Additional	Operation	Monitoring of Scheme traffic movements and impacts on the highway and PRow network in coordination with Wiltshire Highways team and Community Liaison Group. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 14 Operational environmental management plan (Table 10, page 43) Requirement 17 Public rights of way and permissive paths (Paragraph 3.2.1)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Repair, upgrade and replacement of existing PRow furniture and re-establishment of hedgerow gaps.	Improvement to PRow user experience and accessibility.	Enhancement	Operation	Monitoring of PRow network in coordination with Wiltshire Council Countryside Access team and community stakeholders.	Requirement 14 Operational environmental management plan (Table 10, page 42) Requirement 17 Public rights of way and permissive paths (Paragraph 4.1.3)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Installation of new non-vehicular permissive paths which would be open up to 365 days per year throughout the	Improvement of public access to the countryside	Enhancement	Operation	Monitoring of PRow network in coordination with Wiltshire Council Countryside Access	Requirement 14 Operational environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	proposed 60-year operational lifetime of the Scheme.				team and community stakeholders.	management plan (Table 10, page 42) Requirement 17 Public rights of way and permissive paths (Paragraph 4.2.3)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Cable infrastructure may be left in-situ with the cables extracted through jointing bays to mitigate impacts on agricultural users.	Reduction of adverse effects to economic conditions for agricultural businesses.	Embedded	Decommissioning	Agreement of mitigation with local planning authority ahead of decommissioning.	Requirement 20 Decommissioning and restoration (Table 10, page 37)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	During decommissioning, traffic management would be implemented including banksmen at sensitive points on the highway network or at PRow and recreational route crossing points.	Reduction of adverse effects to PRow users and vulnerable highway users.	Additional	Decommissioning	Monitoring of Scheme traffic movements and impacts on the highway and PRow network in coordination with Wiltshire Highways team and Community Liaison Group. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 17 Public rights of way and permissive paths (Paragraph 3.3.3) Requirement 20 Decommissioning and restoration (Table 10, page 36)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Promotion of apprenticeship and training schemes and local recruitment and procurement, education and skills uplifting.	Reduction of adverse effects and promotion of beneficial effects to socio-economic conditions.	Enhancement	Construction, Operation, Decommissioning	Agreement of monitoring and reporting requirements with local planning authority.	Requirement 19 Skills, supply chain and employment (Paragraph 5.2.2)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	Following construction, the access track between the A429 and Lime Down E will be removed and the land reinstated to its previous use. During operation, the track will be temporarily reinstated to allow panel and equipment replacement.	To minimise disruption to farm businesses	Embedded	Construction, Operation	None required	Requirement 13 Construction Environmental Management Plan (Table 10, page 64) Requirement 15 Construction Traffic Management Plan (Paragraph 2.2.8)
Socio-Economics, Tourism and Recreation [EN010168/APP/6.1]	The alignment of the 400 kV cable will be designed such that there will be no impact on the installation or operation of the slurry pipe and slurry tank proposed on land to the east of Easton.	To minimise disruption to farm businesses	Embedded	Construction, Operation	None required.	Requirement 5 Detailed Design Requirement 13 Construction Environmental Management Plan (Table 10, page 64)

Table 3-11: Soils and Agriculture

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Soils and Agriculture [EN010168/APP/6.1]	Within the Scheme design, access tracks, compounds and substations would be located on the lowest quality land available within each parcel, where practicable.	To minimise the area of Best and Most Versatile (BMV) land disturbed.	Embedded	Construction	None required	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 11, page 66)
Soils and Agriculture [EN010168/APP/6.1]	An Outline Soil Resources Management Plan has been submitted as part of the DCO. This incorporates good practice measures to protect soils on site such as only handling or tracking soils that are in a dry and friable conditions, and ensuring topsoil and subsoils are handled separately when being stripped, stored and reinstated.	Ensure that soils disturbed by the Scheme are able to continue to fulfil their ecological functions and be in a suitable condition for reinstatement at decommissioning.	Embedded	Construction, Operation, Decommissioning	Visual monitoring of soils and ground conditions during construction, operation and decommissioning works for signs of soil compaction, to be followed up with small exploratory pits where necessary. Ongoing monitoring of weather conditions and soil moisture state during any handling operations. Outcomes of field tests for rainfall and soil	Requirement 13 Construction environmental management plan (Table 11, page 67) Requirement 14 Operational environmental management plan (Table 11, page 45) Requirement 18 Soil management (Paragraph 1.8.4)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
					moisture to be recorded by the contractor.	Requirement 20 Decommissioning and restoration (Table 11, page 38)
Soils and Agriculture [EN010168/APP/6.1]	Ongoing monitoring of soil conditions would occur throughout the construction phase to ensure soils are only handled or tracked when in an appropriate moisture state. Any soils tracked over whilst in-situ, and reinstated soils, would be monitored visually for signs of compaction, waterlogging and vegetation death, and remedial action taken if these issues were to be identified. Monitoring requirements are also set out in the outline SRMP.	Prevention of damage to soil structures and quality and prompt identification of issues such that appropriate remedial actions can be implemented quickly.	Additional	Construction	Ongoing visual monitoring of ground conditions, weather conditions and soil moisture state. Outcomes of field tests for rainfall and soil moisture to be recorded by the contractor.	Requirement 7 Landscape and ecological management plan (Paragraph 1.4.3) Requirement 18 Soil management (Paragraph 1.8.5)
Soils and Agriculture [EN010168/APP/6.1]	There may be the opportunity for land beneath the Solar PV Panels to be grazed by sheep.	Potential provision of some continuation of agricultural use within the Solar PV Sites, co-locating solar and agriculture.	Embedded	Operation	Visual monitoring of ground conditions for signs of poaching or other surface compaction caused by livestock.	Requirement 14 Operational environmental management plan (Table 11, page 45)

Table 3-12: Human Health

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Human Health [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on human health through the process of embedding measures into the design.	Reduction of adverse effects to personal and social health and wellbeing.	Embedded	Construction, Operation, Decommissioning	Agreement of detail design by local planning authority.	Requirement 5 Detailed design approval
Human Health [EN010168/APP/6.1]	The layout of the Scheme provides suitable buffers from roads, PRoWs, recreation facilities, and neighbouring buildings and land uses.	Reduction of adverse effects to personal and social health and wellbeing.	Embedded	Construction, Operation, Decommissioning	Agreement of detail design by local planning authority.	Requirement 5 Detailed design approval
Human Health [EN010168/APP/6.1]	The construction schedule retains appropriate flexibility to be phased and staggered, where practicable, across the Solar PV Sites and Cable Route Corridor.	Reduction of adverse effects to personal and social health and wellbeing.	Embedded	Construction	Community impacts monitored by the Community Liaison Manager and Group. Key Performance Indicators for the efficacy of the Community Liaison Manager and Group.	Requirement 13 Construction environmental management plan (Table 12, page 69)
Human Health [EN010168/APP/6.1]	A Community Liaison Manager would be appointed during all phases of the Scheme.	Facilitation of collaborative community engagement.	Embedded	Construction, Operation, Decommissioning	Key Performance Indicators for the efficacy of the Community Liaison Manager and Group,	Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
					and their level of influence in the Scheme.	management plan (Table 12, page 69) Requirement 14 Operational environmental management plan (Table 12, page 46) Requirement 20 Decommissioning and restoration (Table 12, page 40)
Human Health [EN010168/APP/6.1]	The Scheme will include enhancements to existing PRowS and provide new non-vehicular permissive paths.	Improvement of physical and mental health outcomes.	Enhancement	Operation	Engagement between the undertaker, stakeholders, and Wiltshire Council's Countryside Access team.	Requirement 14 Operational environmental management plan (Table 12, page 46) Requirement 17 Public rights of way and permissive paths (Paragraph 4.2.1, page 13)
Human Health [EN010168/APP/6.1]	Construction and decommissioning workers would be supported to find and	Reduction of adverse effects to personal and social	Additional	Construction, Decommissioning	Agreement of monitoring and reporting requirements	Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	register with GPs across the Wider Baseline Study Area in reasonable proximity to their temporary or full-time accommodation and where such GP surgeries have reasonable capacity to take on additional patients.	health and wellbeing.			with local planning authority.	management plan (Table 12, page 69) Requirement 20 Decommissioning and restoration (Table 12, page 40)
Human Health [EN010168/APP/6.1]	The Applicant will keep in direct contact with the operators of care homes and service providers ahead of and during construction and decommissioning.	Reduction of adverse effects to the health and wellbeing of vulnerable population groups.	Additional	Construction, Decommissioning	Key Performance Indicators for the efficacy of the Community Liaison Manager and Group, and their level of influence in the Scheme.	Requirement 13 Construction environmental management plan (Table 12, page 70) Requirement 20 Decommissioning and restoration (Table 12, page 41)

Table 3-13: Ground Conditions and Contamination

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ground Conditions and Contamination [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on ground conditions & contamination.	To minimise the mobilisation and disturbance of historic contamination within the order limits	Embedded	Construction, Operation, Decommissioning	Pre-construction ground investigation (including geo-environmental testing of soils) has been secured via the CEMP	Requirement 5 Detailed design approval
Ground Conditions and Contamination [EN010168/APP/6.1]	Driven screw pile or post foundations are strongly preferred in the final design, which minimise soil displacement, waste and general impacts on soils and groundwater. In areas where archaeological protection is required, concrete feet or other non-ground penetrative techniques would be used.	To avoid creating preferential pathways for contamination at surface to enter permeable, water bearing strata	Embedded	Construction	Pre-construction ground investigation (including geo-environmental testing of soils) has been secured via the CEMP	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 13, page 76)
Ground Conditions and Contamination [EN010168/APP/6.1]	All photovoltaic arrays/panels will be certified as PFAs free.	To prevent the introduction of PFAS into the environment as a result of the scheme	Embedded	Construction	Appropriate certification to be provided by the supplier regarding coatings, treatments and parts used in the production of photovoltaic arrays/panels	Requirement 5 Detailed design approval Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						management plan (Table 13, page 76)
Ground Conditions and Contamination [EN010168/APP/6.1]	Where foundations are required, appropriate drainage will be designed into the building, using sustainable drainage principles where appropriate.	To reduce impacts and effects on ground conditions and contamination.	Embedded	Operation	Pre-construction ground investigation has been secured via the CEMP and this will allow for hydrogeological risks to be identified prior to the start of construction	Requirement 5 Detailed design approval Requirement 14 Operational environmental management plan (Table 13, page 47)
Ground Conditions and Contamination [EN010168/APP/6.1]	Within the BESS Area and substation sites featuring potential fire risk, installations will be bunded to retain firefighting substances used to control fire.	To contain uncontrolled releases of firewater	Embedded	Operation	Bunds will be tested and certified prior to commissioning. Regular inspection of bunds should be carried out	Requirement 5 Detailed design approval Requirement 14 Operational environmental management plan (Table 13, page 49)
Ground Conditions and Contamination [EN010168/APP/6.1]	Construction and management of roadways and access to the construction sites to minimise dust, sedimentation of waterways, degradation of soil quality, loss of topsoil and surface runoff.	To reduce impacts and effects of dust, sedimentation of waterways, degradation of soil quality, loss of	Embedded	Construction, Decommissioning	The Environmental Manager will regularly record compliance in a log book. The detailed CEMP(s) will detail the frequency.	Requirement 13 Construction environmental management plan (Table 13, page 71)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
		topsoil and surface run off.				Requirement 20 Decommissioning and restoration (Table 13, page 42)
Ground Conditions and Contamination [EN010168/APP/6.1]	Excavated and imported soils would be managed to avoid fugitive emissions of dust and runoff to watercourses.	To prevent fugitive emissions of dust and runoff to watercourses.	Embedded	Construction, Decommissioning	Maintenance of a Material Management Plan to track and manage any stockpiles of soil generated or imported during the project	Requirement 13 Construction environmental management plan (Table 13, page 72) Requirement 18 Soil management (Paragraph 1.7.1) Requirement 20 Decommissioning and restoration (Table 13, page 42)
Ground Conditions and Contamination [EN010168/APP/6.1]	Implementation of management measures for waste during the construction, operation and decommissioning process.	To prevent uncontrolled deposits or releases of wastes	Embedded	Construction, Operation, Decommissioning	A waste management plan will be in place to monitor and regulate any wastes generated	Requirement 13 Construction environmental management plan (Table 13, page 71) Requirement 14 Operational environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						management plan (Table 13, page 48) Requirement 20 Decommissioning and restoration (Table 13, page 42)
Ground Conditions and Contamination [EN010168/APP/6.1]	Should any previously unidentified risks to groundwater receptors emerge during detailed design or construction, a detailed Hydrogeological Risk Assessment would be undertaken in consultation with the Environment Agency.	To ensure that sensitive groundwater receptors are adequately protected	Embedded	Construction,	Pre-construction ground investigation has been secured via the CEMP and this will allow for hydrogeological risks to be identified prior to the start of construction	Requirement 13 Construction environmental management plan (Table 13, page 72)
Ground Conditions and Contamination [EN010168/APP/6.1]	Where demolition or disturbance of existing structures is required, asbestos surveys would be obtained and, where necessary, removal of asbestos containing materials (ACMs) would be undertaken in line with HSE guidelines and the Control of Asbestos Regulations.	To ensure that any asbestos within structures currently present on site is appropriately managed	Embedded	Construction	An asbestos survey should be completed prior to demolition	Requirement 13 Construction environmental management plan (Table 13, page 72)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ground Conditions and Contamination [EN010168/APP/6.1]	Intrusive ground investigation will be undertaken across the whole of the scheme. Additional focus will be given to areas impacted by identified geohazards and in locations where permanent structures are to be deployed, or where the conceptual site model indicates that contaminant impacts may be present. Ground investigation will collect both geotechnical and geo environmental data, including in situ testing and samples taken and sent for laboratory analysis. Data collection would inform foundation design choices and cable routing options.	To ensure that geohazards are properly understood and that foundation design is appropriate	Embedded	Construction	Pre-construction ground investigation has been secured via the CEMP and this will allow for identification of potential geohazards and inform foundations works risk assessment where required	Requirement 13 Construction environmental management plan (Table 13, page 72)
Ground Conditions and Contamination [EN010168/APP/6.1]	If geohazards associated with mine workings are identified, ground stabilisation or grouting of mine workings may be required. This will appropriately designed, considering the nature of the hazard and factors such as the need to dewater mine	To ensure that geohazards are properly understood and that foundation design is appropriate	Embedded	Construction, Decommissioning	Pre-construction ground investigation has been secured via the CEMP	Requirement 13 Construction Environmental Management Plan (Table 13, page 72) Requirement 20 Decommissioning

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	workings. Appropriate permits and regulatory permissions will be acquired for any such works deemed necessary;					Strategy (Paragraph 1.1.9)
Ground Conditions and Contamination [EN010168/APP/6.1]	A discovery and inspection strategy would be implemented to detail the requirements and procedures for encountering land contamination. The strategy will also include instruction on managing groundwater within excavations (where encountered), including where evidence of contamination of said groundwater is noted	To ensure that unexpected contamination is appropriately dealt with	Embedded	Construction, Decommissioning	None required	Requirement 13 Construction environmental management plan (Table 13, page 73) Requirement 14 Operational Environmental Management Plan (Table 13, page 47) Requirement 20 Decommissioning and restoration (Table 13, page 42)
Ground Conditions and Contamination [EN010168/APP/6.1]	Any confined space entry would be preceded by checks using appropriate instrumentation to detect the presence of methane, carbon dioxide or hydrogen sulphide, or low oxygen conditions.	To ensure that no potentially harmful atmospheres exist within excavations	Embedded	Construction, Decommissioning	None required	Requirement 13 Construction environmental management plan (Table 13, page 73)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						Requirement 20 Decommissioning and restoration (Table 13, page 42)
Ground Conditions and Contamination [EN010168/APP/6.1]	Construction/decommissioning compounds and laydown areas would be appropriately designed and managed to ensure minimal risk of fugitive emissions from stored aggregates, materials and liquids.	To ensure that uncontrolled releases of stored material can be adequately contained	Embedded	Construction, Decommissioning	None required	Requirement 13 Construction environmental management plan (Table 13, page 73) Requirement 20 Decommissioning and restoration (Table 13, page 42)
Ground Conditions and Contamination [EN010168/APP/6.1]	Foundations associated with structures will be designed to minimise impact on soils and groundwater. The mounting structure foundations are anticipated to be metal driven beams or screw piles up to a maximum depth of 12 m bgl. for substations and 4m bgl at BESS. The foundation depth would depend on the encountered ground conditions and anticipated uplift pressures. Specialist	To ensure that foundation design is appropriate in relation to sensitive groundwater receptors	Embedded	Construction	Pre-construction ground investigation has been secured via the CEMP and this will inform foundations works risk assessment where required	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 13, page 74)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	foundation options may be required if archaeological protection is required.					
Ground Conditions and Contamination [EN010168/APP/6.1]	A preliminary risk assessment has been undertaken to review the risks to the scheme associated with piled foundations and can be reviewed in the BESS and Substation Foundation Risk Register	To minimise the disturbance of soils	Embedded	Construction	Pre-construction ground investigation has been secured via the CEMP	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 13, page 74)
Ground Conditions and Contamination [EN010168/APP/6.1]	Where it is identified that disturbance of soils is not permissible, concrete footings at surface will be used.	To minimise disturbance of soils	Embedded	Construction	None required	Requirement 13 Construction environmental management plan (Table 13, page 75)
Ground Conditions and Contamination [EN010168/APP/6.1]	Excavations would be supported or graded to a stable angle depending on ground conditions. Groundwater and the requirement for dewatering would be considered.	To prevent slope collapse in excavations and stockpiled material	Embedded	Construction, Decommissioning	All excavations and stockpiles should be assessed to ensure compliance with an appropriate specification	Requirement 13 Construction environmental management plan (Table 13, page 75) Requirement 20 Decommissioning and restoration (Table 13, page 42)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ground Conditions and Contamination [EN010168/APP/6.1]	A Piling Risk Assessment (PRA) will be completed before works on the 132 kV and 400 kV substation foundations, or BESS structure, using ground investigation data and following CL:AIRE (2025) guidance. It will consider piling technology, site conditions, historic contamination, risks from future activities (e.g. spills, leaks), and seek to minimise preferential pathways to groundwater receptors	To ensure that foundation design is appropriate in relation to sensitive groundwater receptors	Embedded	Construction	Pre-construction ground investigation has been secured via the CEMP and this will inform foundations works risk assessment where required	Requirement 13 Construction environmental management plan (Table 5, page 34)
Ground Conditions and Contamination [EN010168/APP/6.1]	Where trenchless techniques are used, appropriate mitigation, including measures to be set out in a drilling fluid breakout plan and surface spill response plan, will be implemented. All trenchless activity will be carried out in accordance with the guidance contained in BS 5930:2015 Code of Practice for Ground Investigations and BS EN 16228-3. Where trenchless works are anticipated to interact with groundwater	To ensure that trenchless cable installation does not pose a risk to sensitive groundwater receptors	Embedded	Construction	Pre-construction ground investigation has been secured via the CEMP and this will allow for hydrogeological risks to be identified prior to the start of construction	Requirement 13 Construction environmental management plan (Table 13, page 75)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	within Primary or Secondary A aquifers, or beneath sensitive groundwater receptors or groundwater dependent ecological receptors, a proportionate Hydrogeological Risk Assessment will inform the detailed design and construction methodology. The scope of assessment will be proportionate to the sensitivity of the receiving groundwater environment.					
Ground Conditions and Contamination [EN010168/APP/6.1]	A preliminary risk register has been undertaken to review the risks to the scheme associated with HDD and can be reviewed in the HDD Risk Register.	To minimise risks to soils due to HDD	Embedded	Construction	None	Requirement 13 Construction Environmental Management Plan (Table 13, page 75)
Ground Conditions and Contamination [EN010168/APP/6.1]	Good practice guidance including Management of spillage risk within in the Emergency response plan would be adhered to.	To ensure that spillage and uncontrolled releases of liquids are prevented and where they occur, appropriately managed	Embedded	Construction, Decommissioning	None required	Requirement 13 Construction environmental management plan (Table 13, page 76) Requirement 20 Decommissioning and restoration (Table 13, page 42)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ground Conditions and Contamination [EN010168/APP/6.1]	Where unexpected contamination is encountered, a hydrological risk assessment would be undertaken. If necessary, material would be removed in line with the Discovery and Inspection Strategy.	To ensure that potential impacts to receptors from unexpected contamination are appropriately managed	Additional	Construction	Pre-construction ground investigation (including geo-environmental testing of soils) has been secured via the CEMP	Requirement 13 Construction environmental management plan (Table 13, page 71)
Ground Conditions and Contamination [EN010168/APP/6.1]	Ground investigation would be deployed within the Cable Corridor Southwest to identify the presence of any unrecorded mine workings, shafts etc.	To ensure that historic mine workings are not disturbed by the proposed works	Additional	Construction	Pre-construction ground investigation within areas potentially impacted by historic mining has been secured via the CEMP	Requirement 13 Construction environmental management plan (Table 13, page 71)
Ground Conditions and Contamination [EN010168/APP/6.1]	Where the use of pesticides or herbicides is necessary for the maintenance of the operational site, all substances used would be in accordance with guidelines on application rate and safe use and in full consideration of the hazards outlines on the Material Safety Data Sheet issued by the manufacturer.	To ensure correct use of herbicides and pesticides	Embedded	Operation	Maintain compliance with MSDS for specific substances and products	Requirement 14 Operational environmental management plan (Table 13, page 47)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Ground Conditions and Contamination [EN010168/APP/6.1]	No fluid-filled cables would be utilised.	To minimise the risk of release of mobile contaminants from project infrastructure	Embedded	Operation	None required	Requirement 14 Operational environmental management plan (Table 13, page 48)
Ground Conditions and Contamination [EN010168/APP/6.1]	Where Private Water Supplies are identified, these will be considered within activity-specific risk assessments, i.e. foundation works risk assessment, and appropriate mitigations put in place, e.g. use of sediment barriers to prevent impacts to natural springs.	To minimise risk of disturbance to private water supplies	Embedded	Operation	None required.	Requirement 13 Construction Environmental Management Plan (Table 13, page 75)
Ground Conditions and Contamination [EN010168/APP/6.1]	Cables will be fully sealed and specified to minimise thermal loss. Micro routing (considering both alignment and depth of cable placement) of the cable will ensure that no cables are located in contact with groundwater within 50m of abstractions or GWDTE or within SPZ1. Where this is not possible due to the presence of very shallow groundwater, a hydrogeological risk	To minimise the risk of thermal loss.	Embedded	Construction	Pre-construction ground investigation (including geo-environmental testing of soils) has been secured via the CEMP	Requirement 13 Construction Environmental Management Plan (Table 13, page 76)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	assessment will be undertaken following the completion of ground investigation, in order to assess the risks posed to groundwater resources from thermal loss and appropriate mitigation (i.e., cable selection and trench construction technique) will be applied to the selection of cabling and the design of cable trenches, in order to reduce any anticipated impacts to an acceptable level. Where unexpected contamination is encountered, it will be removed or remediated to ensure that thermal loss does not mobilise historic contaminants.					
Ground Conditions and Contamination [EN010168/APP/6.1]	Chemical substances would be managed and precautions put in place to avoid uncontrolled discharge.	To prevent and manage uncontrolled releases of liquids	Embedded	Operation	None required	Requirement 14 Operational environmental management plan (Table 13, page 48)
Ground Conditions and Contamination [EN010168/APP/6.1]	Specific risk assessments and method statements will be developed for the use of piled foundations and HDD which will incorporate the risks	To minimise disturbance of soils	Embedded	Operation		Requirement 14 Operational environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	identified within the preliminary risk registers.					management plan (Table 5, page 26)

Table 3-14: Other Environmental Matters

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Other Environmental Matters - Minerals [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on Minerals through the process embedding measures into the Scheme design.	To reduce impacts and effects of the Scheme on minerals.	Embedded	Construction, Operation, Decommissioning	None required.	Requirement 5 Detailed design approval
Other Environmental Matters - Minerals [EN010168/APP/6.1]	The majority of the area within of the Oolitic limestone MSA will be trenched to be no more than approximately 2m deep with the exception of one crossing location east of Corsham (north eastern part of the MSA).	To reduce impacts and effects of the Scheme on minerals.	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental management plan (Table 14, page 77)
Other Environmental Matters - Minerals [EN010168/APP/6.1]	Depth of trenching of the Grid Connection Cables would be no more than 2m below the surface within the area of the Oolitic limestone mineral safeguarding area, including Monks Park Mine.	To reduce impacts and effects of the Scheme on minerals.	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental management plan (Table 14, page 77)
Other Environmental Matters - Minerals [EN010168/APP/6.1]	Construction methods including the use of smaller excavators, low ground pressure plant and long reach	To reduce impacts and effects of the	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
	excavators to reduce the point load at the excavation location in areas where mining activities are taking place.	Scheme on minerals.				management plan (Table 14, page 77)
Other Environmental Matters - Minerals [EN010168/APP/6.1]	Prior to any excavations, the owners/current operators of Monks Park Mine to be informed to ensure appropriate safety precautions are in place within the Mine during the construction works.	To reduce impacts and effects of the Scheme on minerals.	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental management plan (Table 14, page 77)
Other Environmental Matters - Minerals [EN010168/APP/6.1]	Above ground infrastructure would be decommissioned and removed at the end of the life of the Scheme, returning the baseline condition for identified mineral resources.	To reduce impacts and effects of the Scheme on minerals.	Embedded	Decommissioning	Regular review of the delivery of the Decommissioning Strategy by the contractor	Requirement 20 Decommissioning and restoration (Table 14, page 44)
Other Environmental Matters – Waste [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on materials and waste through the process of embedding measures into the Scheme design.	To minimise material used and waste generation by incorporating resource efficiency and waste reduction measures into the Scheme's design.	Embedded	Construction, Operation, Decommissioning	Specific monitoring (reporting and auditing) requirements for materials and waste will be secured in the CEMP and SWMP, OEMP, DS. The Contractor shall appoint an Environmental Manager with responsibility for	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 15, page 78)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
					monitoring requirements.	Requirement 14 Operational environmental management plan (Table 15, page 51) Requirement 19 Site Waste Management Plan (Paragraph 1.1.6) Requirement 20 Decommissioning and restoration (Table 15, page 46)
Other Environmental Matters – Waste [EN010168/APP/6.1]	Waste management would be implemented to control and manage waste, including adhering to the waste hierarchy.	To minimise waste generation and maximise reuse and recycling in line with the waste hierarchy.	Embedded	Construction, Operation, Decommissioning	Specific monitoring (reporting and auditing) requirements will be secured in the CEMP and SWMP, OEMP, DS. The Contractor shall appoint an Environmental Manager with responsibility for monitoring requirements.	Requirement 13 Construction environmental management plan (Table 15, page 78) Requirement 14 Operational environmental management plan (Table 15, page 51)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						Requirement 19 Site Waste Management Plan (Paragraph 1.5.3) Requirement 20 Decommissioning and restoration (Table 15, page 45)
Other Environmental Matters – Waste [EN010168/APP/6.1]	All waste management will be undertaken in accordance with the relevant regulations and waste would be transported by licensed waste hauliers to waste management sites which hold the necessary regulatory authorisation and/or permits for those wastes consigned to them.	To ensure compliant and responsible waste management.	Embedded	Construction, Operation, Decommissioning	Specific monitoring (reporting and auditing) requirements will be secured in the CEMP and SWMP, OEMP, DS. The Contractor shall appoint an Environmental Manager with responsibility for monitoring requirements.	Requirement 13 Construction environmental management plan (Table 15, page 78) Requirement 14 Operational environmental management plan (Table 15, page 51) Requirement 19 Site Waste Management Plan (Paragraph 1.3.11)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						Requirement 20 Decommissioning and restoration (Table 15, page 46)
Other Environmental Matters – Waste [EN010168/APP/6.1]	Excavated material reuse would be determined via a Materials Management Plan (MMP) in accordance with the CL:AIRE DoW CoP, exemption or environmental permit if required.	To maximise the reuse of excavated materials and minimise waste requiring disposal.	Embedded	Construction, Operation, Decommissioning	Specific monitoring (reporting and auditing) requirements will be outlined within a MMP if required.	Requirement 13 Construction environmental management plan (Table 15, page 79) Requirement 14 Operational environmental management plan (Table 15, page 51) Requirement 20 Decommissioning and restoration (Table 14, page 44)
Other Environmental Matters – Telecommunications, Utilities and Television [EN010168/APP/6.1]	The Scheme would be located outside of utilities protected zones, where practicable.	To avoid the impact and effect of the Scheme on telecommunications and utilities.	Embedded	Construction, Operation, Decommissioning	Agreement of detail design by local planning authority.	Requirement 5 Detailed design approval

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Other Environmental Matters – Telecommunications, Utilities and Television [EN010168/APP/6.1]	Above-ground infrastructure would be located with adequate offsets (developed in consultation with third parties) from existing telecommunications and utility infrastructure to provide clear access and to minimise potential conflicts, such as damage from piling, excavation, or compaction.	To avoid the impact and effect of the Scheme on telecommunications and utilities.	Embedded	Construction, Operation, Decommissioning	Agreement of detail design by local planning authority.	Requirement 5 Detailed design approval
Other Environmental Matters – Telecommunications, Utilities and Television [EN010168/APP/6.1]	Topographical data would be used alongside mapping provided by telecommunication and utilities providers to ensure underground and overground utilities are adequately offset.	To avoid the impact and effect of the Scheme on telecommunications and utilities.	Embedded	Construction, Operation, Decommissioning	None required.	Requirement 5 Detailed design approval
Other Environmental Matters – Telecommunications, Utilities and Television [EN010168/APP/6.1]	Ground penetrating radar would be used before excavation to identify any unknown utilities.	To avoid the impact and effect of the Scheme on telecommunications and utilities.	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental management plan (Table 16, page 80)
Other Environmental Matters – Telecommunications, Utilities and	Trenching and horizontal direction drilling activities	To avoid the impact and effect of the Scheme on	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Television [EN010168/APP/6.1]	would be used to lay cables where crossing are required.	telecommunications and utilities.				management plan (Table 16, page 80)
Other Environmental Matters – Telecommunications, Utilities and Television [EN010168/APP/6.1]	Construction/demobilisation methods would be consulted and agreed prior to works commencing.	To avoid the impact and effect of the Scheme on telecommunications and utilities.	Embedded	Construction, Decommissioning	Regular review of the delivery of the CEMP and Decommissioning Strategy by the contractor	Requirement 13 Construction environmental management plan (Table 16, page 80) Requirement 20 Decommissioning and restoration (Table 16, page 47)
Other Environmental Matters – Telecommunications, Utilities and Television [EN010168/APP/6.1]	Safe working would be undertaken beneath any overhead lines, in line with National Grid's technical guidance note 287.	To avoid the impact and effect of the Scheme on telecommunications and utilities.	Embedded	Construction, Operation and Decommissioning	Regular review of the delivery of the CEMP, OEMP and Decommissioning Strategy by the contractor	Requirement 13 Construction environmental management plan (Table 16, page 81) Requirement 14 Operational environmental management plan (Table 16, page 53) Requirement 20 Decommissioning

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						and restoration (Table 16, page 47)
Other Environmental Matters – Telecommunications, Utilities and Television [EN010168/APP/6.1]	In advance of construction, the Applicant would liaise with all utility providers with assets in the area in regard to construction timelines, activities, proximity to assets and construction management measures.	To avoid the impact and effect of the Scheme on telecommunications and utilities.	Embedded	Construction	Regular review of the delivery of the CEMP by the contractor	Requirement 13 Construction environmental management plan (Table 16, page 80)
Other Environmental Matters – Telecommunications, Utilities and Television [EN010168/APP/6.1]	Measures would be implemented in relation to safe working near buried utilities.	To avoid the impact and effect of the Scheme on telecommunications and utilities.	Embedded	Construction, Operation, Decommissioning	Regular review of the delivery of the CEMP, OEMP and Decommissioning Strategy by the contractor	Requirement 13 Construction environmental management plan (Table 16, page 81) Requirement 14 Operational environmental management plan (Table 16, page 53) Requirement 20 Decommissioning and restoration (Table 16, page 47)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Other Environmental Matters – Glint and Glare [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on Glint and Glare through the process of embedding measures into the Scheme design.	To minimise impacts of Glint and Glare on surrounding receptors.	Embedded	Construction, Operation, Decommissioning	None required.	Requirement 5 Detailed design approval
Other Environmental Matters – Glint and Glare [EN010168/APP/6.1]	The Scheme design has incorporated setbacks from dwelling receptors where practicable.	To minimise impacts of Glint and Glare on residential amenity.	Embedded	Construction, Operation	None required.	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 17, page 82) Requirement 14 Operational environmental management plan (Table 17, page 54)
Other Environmental Matters – Glint and	The Scheme has committed to use single axis tracking Solar	To avoid potentially significant impacts upon railway	Embedded	Construction, Operation	None required.	Requirement 5 Detailed design approval

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Glare [EN010168/APP/6.1]	PV Panels where required (field C14).	infrastructure and operations.				Requirement 13 Construction environmental management plan (Table 17, page 82) Requirement 14 Operational environmental management plan (Table 17, page 54)
Other Environmental Matters – Glint and Glare [EN010168/APP/6.1]	The Scheme has committed to the use of 2.5m 1P fixed south-facing panels where required (field B11).	To avoid potentially significant impacts upon residential amenity.	Embedded	Construction, Operation	None required.	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 17, page 82) Requirement 14 Operational environmental management plan (Table 17, page 54)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Other Environmental Matters – Electromagnetic Fields (EMF) [EN010168/APP/6.1]	The Scheme would be constructed, operated and maintained, and decommissioned with appropriate control measures in place.	To minimise impacts of Electromagnetic Fields on surrounding receptors.	Embedded	Construction, Operation, Decommissioning	None required.	Requirement 5 Detailed design approval
Other Environmental Matters – Electromagnetic Fields [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects EMFs through the process of embedding measures into the Scheme design.	To minimise impacts of Electromagnetic Fields on surrounding receptors.	Embedded	Construction, Operation, Decommissioning	None required.	Requirement 5 Detailed design approval
Other Environmental Matters – Electromagnetic Fields [EN010168/APP/6.1]	Electrical fields from the underground power cables will be shielded by the surrounding jacket and the conducting soil.	To minimise impacts of Electromagnetic Fields on surrounding receptors.	Embedded	Construction	None required.	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 18, page 83) Requirement 14 Operational environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						management plan (Table 18, page 55)
Other Environmental Matters – Electromagnetic Fields [EN010168/APP/6.1]	The 400kV Grid Connection Cables will be installed in trenches up to 2m deep.	To minimise impacts of Electromagnetic Fields on surrounding receptors.	Embedded	Construction	None required.	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 18, page 83) Requirement 14 Operational environmental management plan (Table 18, page 55)
Other Environmental Matters – Electromagnetic Fields [EN010168/APP/6.1]	The Scheme has been designed so that maximum levels of electromagnetic radiation received at existing residential properties, places of work, and from the Grid Connection Cables and Interconnecting Cable routes would be below ICNIRP reference levels.	To avoid any potential impacts of Electromagnetic Fields on human health.	Embedded	Construction, Operation	None required.	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 18, page 83)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						Requirement 14 Operational environmental management plan (Table 18, page 55)
Other Environmental Matters – Electromagnetic Fields [EN010168/APP/6.1]	The Scheme has been designed to ensure no overground cables.	To minimise impacts of Electromagnetic Fields on surrounding receptors.	Embedded	Construction, Operation	None required.	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 18, page 83) Requirement 14 Operational environmental management plan (Table 18, page 55)
Other Environmental Matters – Electromagnetic Fields [EN010168/APP/6.1]	All cables would be 'UKCA' and/or 'CE' marked.	To minimise impacts of Electromagnetic Fields on surrounding receptors.	Embedded	Construction, Operation	The Environmental Manager will regularly record compliance in a logbook.	Requirement 5 Detailed design approval Requirement 13 Construction

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						environmental management plan (Table 18, page 83) Requirement 14 Operational environmental management plan (Table 18, page 55)
Other Environmental Matters – Electromagnetic Fields [EN010168/APP/6.1]	The Scheme has been designed to include a 10m setback between receptors and 400kV Grid Connection Cables.	To avoid any potential impacts of Electromagnetic Fields on human health.	Embedded	Construction, Operation	None required.	Requirement 5 Detailed design approval Requirement 13 Construction environmental management plan (Table 18, page 83) Requirement 14 Operational environmental management plan (Table 18, page 55)
Other Environmental Matters – Electromagnetic	The Scheme has been designed to ensure that electromagnetic radiation is	To avoid any potential impacts of Electromagnetic	Embedded	Construction Operation	None required.	Requirement 5 Detailed design approval

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Fields [EN010168/APP/6.1]	below ICNIRP reference levels.	Fields on human health.				Requirement 13 Construction environmental management plan (Table 18, page 83) Requirement 14 Operational environmental management plan (Table 18, page 55)
Other Environmental Matters – Major Accidents and Disasters [EN010168/APP/6.1]	The Scheme has been designed, as far as practicable, to avoid and reduce impacts and effects on Major Accidents and Disasters through the process of embedding measures into the Scheme design.	To minimise impacts and effects of Major Accidents and Disasters	Embedded	Construction, Operation, Decommissioning	None required.	Requirement 5 Detailed design approval
Other Environmental Matters – Major Accidents and Disasters [EN010168/APP/6.1]	The Scheme has been designed to incorporate adequate separation between battery containers.	To minimise impacts and effects of Major Accidents and Disasters	Embedded	Operation	Agreement of detail design by local planning authority.	Requirement 5 Detailed design approval Requirement 6 Battery Safety

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						Management (Paragraph 1.1.15) Requirement 14 Operational environmental management plan (Table 19, page 56)
Other Environmental Matters – Major Accidents and Disasters [EN010168/APP/6.1]	The Scheme layout seeks to avoid greatest areas of flood risk and avoids existing utilities to reduce risk of damage or severance.	To minimise impacts and effects of Major Accidents and Disasters	Embedded	Operation	Agreement of detail design by local planning authority.	Requirement 5 Detailed design approval Requirement 14 Operational environmental management plan (Table 19, page 56)
Other Environmental Matters – Major Accidents and Disasters [EN010168/APP/6.1]	The Scheme has been designed to ensure battery containers are located at least 350m from the nearest PRow and 600m from residential receptors.	To minimise impacts and effects on Major Accidents and Disasters	Embedded	Operation	Agreement of detail design by local planning authority.	Requirement 5 Detailed design approval Requirement 6 Battery Safety Management (Paragraph 4.1.15)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						Requirement 14 Operational environmental management plan (Table 19, page 56) Requirement 17 Public rights of way and permissive paths (Paragraph 1.3.1)
Other Environmental Matters – Major Accidents and Disasters [EN010168/APP/6.1]	BESS containers would have built in safety features, including cooling systems, fire resistant construction, fire detection, suppression systems, emergency stop functions, and isolation monitoring.	To minimise impacts and effects on Major Accidents and Disasters	Embedded	Operation	Agreement of detail design by local planning authority.	Requirement 5 Detailed design approval Requirement 6 Battery Safety Management (Paragraph 4.1.30) Requirement 14 Operational environmental management plan (Table 19, page 56)
Other Environmental Matters – Major Accidents and	The Scheme has been designed to ensure adequate provision of land for water	To minimise impacts and effects of potential Major	Embedded	Operation	Agreement of detail design by local planning authority.	Requirement 5 Detailed design approval

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
Disasters [EN010168/APP/6.1]	storage, and battery containers away from trees and hedgerows.	Accidents and Disasters				Requirement 6 Battery Safety Management (Paragraph 6.1.8) Requirement 14 Operational environmental management plan (Table 19, page 56)
Other Environmental Matters – Major Accidents and Disasters [EN010168/APP/6.1]	The requirements for battery safety would be secured in the DCO through the implementation of measures included within the Outline Battery Safety Management Plan.	To minimise impacts and effects of potential Major Accidents and Disasters	Embedded	Operation	Maintain records demonstrating implementation of the Battery Safety Management Plan and Emergency Response Plan.	Requirement 6 Battery Safety Management (Paragraph 2.1.1)
Other Environmental Matters – Major Accidents and Disasters [EN010168/APP/6.1]	An Emergency Response Plan would be followed in the event of fire.	To minimise impacts and effects of potential Major Accidents and Disasters	Embedded	Operation	Maintain records demonstrating implementation of the Battery Safety Management Plan and Emergency Response Plan.	Requirement 13 Construction environmental management plan (Table 19, page 84) Requirement 14 Operational environmental

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements including any achievement criteria or reporting requirements	How the environmental action / commitment will be implemented / secured.
						management plan (Table 19, page 56)

Table 3-15: Equine Mitigation

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Potential Impact Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements	How the environmental action / commitment will be implemented / secured.
Equine Business Report [EN010168/EXAM/9.62]	Previously Committed Measures - Embedded mitigation measures have been incorporated into the design of the development, including avoiding works immediately adjacent to sensitive equestrian facilities such as breeding facilities and foaling areas where practicable; Additional Committed Measures - As part of the setup of the Community Liaison Group (CLG), an independent equestrian expert will be appointed to undertake regular engagement and act as a key point of contact with equestrian receptors throughout the construction, replacement and	To minimise potential for construction noise to cause stress or injury to horses.	Embedded	Construction	A construction noise monitoring scheme will be developed and agreed with the relevant planning authority following appointment of a contractor and prior to commencement of construction works.	Terms of Reference for the Community Liaison Group Requirement 4 Design Principles and Parameters (Table 2-9, page 26) Requirement 5 Outline Construction Environmental Management Plan Requirement 13 (Table 20, page 11)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Potential Impact Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements	How the environmental action / commitment will be implemented / secured.
	decommissioning, where required. This will involve: • Providing early notification on the scheduling of construction activities with potential for generating high levels of noise (i.e., piling or abnormal load movements) in the vicinity of PRow frequently used by horse riders or equestrian facilities to enable the relocation of horses if required. These details will also be provided in the Stakeholder Communications Plan; ○ Holding regular meetings during the construction period; and					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Potential Impact Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements	How the environmental action / commitment will be implemented / secured.
	- Should noise complaints be received from equestrian users or NMUs, the environment manager will investigate the issue and may impose further construction constraints or additional noise monitoring as required. - When works are taking place within 30m of equestrian receptors (including fields containing horses and stud farms), the screening of noise sources within the construction area via the erection of temporary screens would be employed					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Potential Impact Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements	How the environmental action / commitment will be implemented / secured.
	where practicable and appropriate. Screening would be positioned to avoid entering a horse's principal field of vision, thereby reducing the risk of it being perceived as a threat. Noise screening is largely anticipated to be visually separated by existing screening such as hedgerows; Construction workers in vicinity to equestrian facilities conducting noise generating work to be briefed on stopping work protocols in the event horses appear in distress or in danger. Details of the relevant landowners and vets in case of emergency would be					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Potential Impact Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements	How the environmental action / commitment will be implemented / secured.
	provided in the Emergency Response Plan; and Construction activities will be rescheduled where practicable in the case of emergency or veterinary situations to minimise interaction between injured horses and noise generating works where the horse cannot be relocated for treatment.					
Equine Business Report [EN010168/EXAM/9.62] Equine Business Report [EN010168/EXAM/9.62]	Previously Committed Measures Implementation of measures to ensure the safety of PRoW users (in particular for equestrians) in line with the requirements of the Outline CTMP [REP6-041] and the Outline Public Right of Way and	To minimise potential for construction traffic to cause danger to those using equestrian routes or horses in nearby paddocks.	Embedded	Construction	The appointed contractor will undertake such monitoring as is necessary. Further details to be confirmed in the detailed CEMP/CTMP. Any unforeseen issues that arise in relation to construction vehicle	Requirement 15 Construction Traffic Management Plan (Paragraph 6.2) Requirement 13 Construction environmental management plan

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Potential Impact Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements	How the environmental action / commitment will be implemented / secured.
	Permissive Paths Management Plan (PRoWPPMP) [REP1-104]; Consideration will be given to traffic routing, timing and access points to the construction sites to minimise noise impacts at existing receptors following appointment of a contractor, and as construction working methods are developed. Construction routes are confirmed in Figures 4.1 and 4.2 of the Outline CTMP [REP6-041] and will be issued by the Contractor alongside confirmation of detailed design. Management of HGVs within the site and being let onto the highway network will be managed through the final CTMP(s) developed pursuant to the Outline CTMP [REP6-041]; Additional Committed Measures				movement will be logged by the Site Manager. If necessary, the issues will be discussed with the local highway authority so that they can be resolved as appropriate.	(Table 20, page 12) Outline Public Right of Way and Permissive Paths Management Plan Requirement 16 (Paragraph 5.1.4)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Potential Impact Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements	How the environmental action / commitment will be implemented / secured.
	- As part of the Stakeholder Communications Plan, engagement will be undertaken (via the independent equestrian expert appointed) with equestrian receptors in vicinity of the Scheme to establish key riding routes and periods. - As part of HGV driver training: - Details of stopping distances to let equestrian users pass; and - Procedure to be followed in the event a loose-horse is encountered on the highway.					

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Potential Impact Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements	How the environmental action / commitment will be implemented / secured.
	Installation of temporary signage notifying equestrian users of construction traffic on affected routes.					
Equine Business Report [EN010168/EXAM/9.62]	Additional Committed Measures - Provision of uninterrupted access to equestrian businesses throughout the construction period where practicable. In the event access should need to be temporarily diverted, the Community Liaison Manager would provide the affected business owner with advance notice of the works (minimum of 14 days); - Provision of advance notice to equestrian facilities of road closures, diversions and traffic management measures; and	To minimise the potential disruption to stud farms in vicinity of the Scheme.	Embedded	Construction	The appointed contractor will undertake such monitoring as is necessary. Further details to be confirmed in the detailed CEMP/CTMP.	Requirement 15 Construction Traffic Management Plan (Paragraph 6.2) Requirement 13 Construction environmental management plan (Table 20, page 14)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Potential Impact Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements	How the environmental action / commitment will be implemented / secured.
	Details provided in the Emergency Response Plan regarding the nearest veterinary practices in vicinity of the Scheme, travel routes and phone numbers in the unlikely event of an incident.					
Equine Business Report [EN010168/EXAM/9.62]	Previously Committed Measures Implementation of robust dust suppression measures as per the details set out in Table 9 of the Outline CEMP [REP6-041].	To minimise the potential dust impacts on equine health.	Embedded	Construction	Implementation of dust monitoring requirements set out in Table 9 of the Outline CEMP [REP6-029] for example, undertake daily on-site and off-site inspection, where receptors (including roads) are nearby, to monitor dust, record inspection results, and make the log available to the local authorities when asked.	Requirement 13 Construction Environmental Management Plan (Table 20, page 14)
Equine Business Report [EN010168/EXAM/9.62]	Mitigation measures to control thermal runaway events	To minimise the potential for Major	Embedded	Operation	To be confirmed in the detailed BSMP(s).	Requirement 6 Battery Safety

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Potential Impact Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements	How the environmental action / commitment will be implemented / secured.
	occurring, or to dictate the emergency response to fire at the BESS are secured through the Outline Battery Safety Management Plan [REP3-106] .	Incidents affecting horses.				Management Plan (Paragraph 1.1.16)
Equine Business Report [EN010168/EXAM/9.62]	- Landscape buffers and the implementation of screening are embedded into the Scheme through the Design Principles and Parameters [REP4-043] and Outline Landscape and Ecological Management Plan [REP6-037]; - For equestrian users of highways and PRowS, onsite Solar PV Arrays are offset from users by the embedded Design Principles and Parameters [REP4-043]. As a result, Solar PV infrastructure is no less than 15 m from the highway or centreline of a PRow; and	To minimise the potential for Solar PV Panels to cause horses to startle.	Embedded	Operation	To be confirmed in the detailed OEMP(s).	Requirement 14 Operational Environmental Management Plan (Table 20, page 58)

Mitigation Measure, Commitment or Action Source Reference	Mitigation Measure, Commitment or Action	Potential Impact Environmental action / commitment objective (purpose of the mitigation)	Embedded or Additional Mitigation	Phase (Construction, Operation and Decommissioning)	Monitoring Requirements	How the environmental action / commitment will be implemented / secured.
	Provision of information boards at the start of permissive path routes with solar infrastructure within 15m of path.					