



Mallard Pass

Solar Farm

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Environmental Statement Volume 2 Appendix 17.1: Summary of Effects - Mitigation Schedule

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Appendix 17.1 Mitigation Schedule

Introduction

This Appendix provides a schedule of all the embedded and additional mitigation that has been taken into account in the assessment of effects in the ES. Table 1 sets this out alongside the responsible party and mechanism by which the mitigation is secured through the DCO.

Table 1 Schedule of Mitigation

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
1	Landscape and Visual	<p>Principles of Design and Site Layout</p> <p>The design and layout of the Proposed Development avoids adverse effects by limiting the extent of developed land (the Solar PV Site) within the Order limits, integrating the Proposed Development into the existing landscape pattern by retaining and following existing features, replacing vegetation lost due to construction by new planting and filtering and screening prominent components of the Proposed Development from visual receptors.</p>	Embedded	Principal Construction Contractor	<p>Detailed design approval (DCO Requirement)</p> <p>Works Plans Parameters Design Guidance</p> <p>oLEMP (DCO Requirement)</p>
2	Landscape and Visual	<p>Lighting</p> <p>Standard good practice measures will be followed with regard to safe site lighting during construction, operation and decommissioning. For example, motion detection security lighting will be used to avoid the use of permanent lighting therefore reducing light spill to boundary features.</p>	Embedded	Principal Construction Contractor	<p>CEMP (DCO Requirement)</p> <p>oOEMP (DCO Requirement)</p> <p>oDEMP (DCO Requirement)</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
3	Landscape and Visual; Ecology and Biodiversity	<p>The West Glen River Corridor</p> <p>The Applicant has consulted Anglian Water who have identified the West Glen River for potential works to improve biodiversity and riparian habitats as part of their Catchment Based Approach (CaBA) partnerships programme.</p>	Embedded	Principal Construction Contractor	oLEMP (DCO Requirement)
4	Landscape and Visual	<p>New Permissive Paths</p> <p>The Proposed Development would also include four new permissive paths totalling approximately 8.1km in length connecting into the wider network of Public Rights of Way (PRoW) and rural lanes as a recreation benefit. These permissive routes would include:</p> <ul style="list-style-type: none"> a. Essendine Western Loop – A circa 1.7km permissive path route creating a loop running north-west of Essendine linking back to the existing bridleway E169 and Carlby High Street and taking 	Embedded	Principal Construction Contractor	oLEMP (DCO Requirement)

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		<p>in the West Glen River to the north of Essendine.</p> <p>b. West Glen River – A circa 2.9km permissive path link from Stamford Road south-eastward along river corridor to join Macmillan Way. The route would include a low-key nature area, interpretation and seating.</p> <p>c. Essendine Eastern Loop – a circa 3.2km permissive path route linking Essendine to the northern and southern ends of Bridleway E182 (BrAW/1/1).</p> <p>d. The Drift Link – a circa 0.3km link from existing bridleway E169 running north parallel to the B1176 providing an offroad link to The Drift.</p>			

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
5	Landscape and Visual; Ecology and Biodiversity	<p>Calcareous Grassland Enhancements</p> <p>The creation of new grassland with calcareous species in areas in the west of the Order limits connecting to the verges and other areas has been a key principle of the design contributing to this important habitat and reconnecting up other neighbouring habitats that have become fragmented.</p>	Embedded	Principal Construction Contractor	oLEMP (DCO Requirement)
6	Landscape and Visual; Ecology and Biodiversity	<p>Woodland and Hedgerow Reconnections</p> <p>The retention of existing hedgerows and their management and enhancement where required with infill and new planting seeks to re-link these habitats, connecting them back into the GI network within the Order limits and beyond.</p> <p>The Proposed Development also seeks to create new connections to existing woodlands, either through enhancement of existing hedgerows or the creation of new planting</p>	Embedded	Principal Construction Contractor	Detailed design approval oLEMP (DCO Requirement)

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
7	Landscape and Visual; Ecology and Biodiversity	<p>Good Practice Construction Measures</p> <p>The following good practice measures will be implemented during construction and decommissioning to minimise the visual effects of the Proposed Development:</p> <ul style="list-style-type: none"> a. To protect and retain existing trees and vegetation via exclusion zones and tree protective fencing; b. Landscape and biodiversity management and enhancement measures including replacement tree planting (where relevant); c. Landscape, arborists and Ecological Clerks of Works (ECoW) to ensure that the landscape and ecology requirements 	Embedded	Principal Construction Contractor	<p>oCEMP</p> <p>oDEMP</p> <p>(all secured by DCO Requirement)</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		<p>of the oCEMP and oDEMP are adhered to and that the works are monitored;</p> <p>d. ensuring a tidy and neat working area;</p> <p>e. covering stockpiles;</p> <p>f. hoardings in a suitable colour to aid their integration in the landscape; and</p> <p>g. storing topsoil in accordance with best practice measures.</p>			
8	Ecology and Biodiversity	<p>Avoidance of Important Habitats & Designated Sites</p> <p>The Proposed Development has been designed so that effects during construction, operation and decommissioning upon important habitats (such as designated sites, mature trees and woodland) within and surrounding the Order limits are avoided or reduced where reasonably practicable.</p>	Embedded	Principal Construction Contractor	<p>Detailed design approval (DCO Requirement)</p> <p>Works Plans</p> <p>Parameters</p> <p>Design Guidance</p> <p>oLEMP (DCO Requirement)</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
9	Ecology and Biodiversity	<p>Retention of Existing Hedgerows and Ditches</p> <p>Retention with minimum offsets to ecological features and designations, retained agricultural land that will be managed for skylarks, and the provision of 13.9km of new hedgerow planting and 7.5km of new tree belt planting.</p>	Embedded	Principal Construction Contractor	oLEMP (DCO Requirement)
10	Ecology and Biodiversity	<p>Good Practice Construction Measures</p> <p>Appropriate fencing to prevent accidental direct damage, water pollution control measures, seasonal restrictions of certain activities to avoid bird nesting, injury to reptiles and amphibians.</p>	Embedded	Principal Construction Contractor	<p>oCEMP</p> <p>oLEMP</p> <p>oDEMP</p> <p>(all secured by DCO Requirement)</p>
11	Ecology and Biodiversity	<p>A loss of a section of hedgerow, designated as a Local Wildlife Site (LWS), will occur. The hedgerow will be replanted along a new alignment parallel to the original hedgerow. This will be replanted with an appropriate rich mix of woody species and ground flora will be seeded. The area between the former and new hedgerow alignment will be seeded to a species rich grassland in order to add</p>	Additional	Principal Construction Contractor	<p>oLEMP</p> <p>oCEMP</p> <p>(all secured by DCO Requirement)</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		to the semi-improved neutral grassland present along this verge.			
12	Ecology and Biodiversity	<p>Badgers</p> <p>Updated surveys will be carried out prior to construction and decommissioning to identify any new setts and to confirm the status of known setts. These surveys will enable the CEMP, DEMP and LEMP to be amended to provide any necessary additional mitigation to protect badgers.</p>	Embedded	Principal Construction Contractor	<p>oCEMP</p> <p>oDEMP</p> <p>oLEMP</p> <p>(DCO Requirements)</p>
13	Ecology and Biodiversity	<p>Water Vole and Otter</p> <p>Any bridges or crossing points will be designed to allow continued movement by otter and water vole along watercourses and ditches.</p>	Embedded	Principal Construction Contractor	oCEMP (DCO Requirement)
14	Ecology and Biodiversity	<p>Dormouse</p> <p>Removal of woody vegetation or scrub at the decommissioning phase may require a survey for the species to inform appropriate mitigation based on the level of removal and licensing requirements at that time.</p>	Embedded	Principal Construction Contractor	oDEMP (DCO Requirement)

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
15	Ecology and Biodiversity	<p>Great crested newt</p> <p>Due to the risk of injuring individual newts within 250m of Pond 13, a licence will be sought for the works in this area. This may involve exclusion of the species from the works area with newt fencing area or other appropriate mitigation measures.</p>	Additional	Principal Construction Contractor	<p>oCEMP</p> <p>oDEMP</p> <p>(DCO Requirement)</p>
16	Ecology and Biodiversity	<p>Breeding birds (Skylark)</p> <p>Measures will be put in place to enhance the value of retained arable habitats for Skylark nesting. This will include skylark plots created in retained fields to provide nesting opportunities in line with guidance published by the RSPB. This essentially entails leaving several small areas of bare earth (approximately 16 – 24 sq m) within the arable crop when seeding it to act as plots for skylarks to land and nest.</p>	Embedded	Principal Construction Contractor	<p>oCEMP</p> <p>oDEMP</p> <p>oLEMP</p> <p>(DCO Requirements)</p>
17	Cultural Heritage	<p>Site Layout and Principles of Design</p> <p>The majority of the hedgerows and treelines defining historic field systems will be preserved.</p>	Embedded	Principal Construction Contractor	Detailed design approval

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		<p>Retention and management of these features would serve to minimise the effect of the Proposed Development upon the setting of historic landscape features within the Order limits.</p> <p>Incorporation of Mitigation and Enhancement Areas within the north-eastern parts of the Order limits serves to maintain a degree of separation between the Proposed Development and surrounding designated heritage assets, including the Scheduled Essendine Castle and Grade II* Listed Church of St. Mary, and Grade II Listed Banthorpe Lodge and the non-designated Braceborough Grange.</p>			<p>oLEMP (DCO Requirement)</p> <p>Works Plans</p>
18	Cultural Heritage	<p>Preservation In-situ</p> <p>Localised use of ‘no-dig’ construction solutions such as ‘concrete or ballast shoes’ to avoid piling; and / or localised areas where the installation of PV Arrays (and other construction work) can be avoided altogether.</p>	Embedded	Principal Construction Contractor	<p>Detailed design approval</p> <p>oCEMP (DCO Requirement)</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
19	Cultural Heritage	<p>Archaeological Recording</p> <p>Where the detailed design determines that ‘no-dig’ solutions are not viable or warranted small-scale and localised archaeological excavations will take place, to record the expected buried remains in advance of construction. The scope of these archaeological excavations will be defined in a Written Scheme of Investigation (WSI), secured by the requirements of the DCO.</p> <p>The results of the archaeological excavations will be published and disseminated to the public in a manner proportionate to the nature of the importance of the discovered remains.</p>	Embedded	Principal Construction Contractor	Detailed design approval DCO Requirement oCEMP
20	Access and Highways	<p>Site Layout and Principles of Design</p> <p>Access locations: the location of the proposed vehicle access points been identified with careful consideration of highway safety ensuring they are sufficient to accommodate heavy goods vehicles (HGVs) including the provision of appropriate visibility splays. The use of existing access points</p>	Embedded	Principal Construction Contractor	oCTMP oTP (both secured by DCO Requirement)

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		<p>has been prioritised to minimise the adverse effects associated with the creation of new points of vehicular access, such as the removal of hedgerows. Where an existing access point cannot be used, a new vehicle access has been provided that complies with all relevant highway safety requirements.</p> <p>Consolidation: use of a centralised primary construction compound for deliveries to allow direct access to the Solar PV Site and reduce the need for larger deliveries to impact the local road network.</p> <p>Vehicle routing: construction vehicles will only utilise the permitted access routes as set out in the oCTMP which is secured through the DCO.</p> <p>Shuttle service: a staff shuttle bus service will be deployed from the primary construction compound to transport staff to the relevant area where works are required and feasibility of shuttles to public transport hub will be investigated.</p>			

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		Permissive Paths: four new permissive paths will be created within the extent of the Order limits, which will improve permeability for non-motorised users.			
21	Access and Highways	Highway Improvements within the Order Limits Permanent improvements will be made to the junction of the A1621 and Uffington Lane, as well as the introduction of passing places along Uffington Lane to help facilitate two-way HGV flows, prior to the commencement of construction.	Embedded	Principal Construction Contractor	oCTMP (secured by DCO Requirement)
22	Access and Highways	Management of Construction/Decommissioning Traffic Construction/decommissioning traffic measures will be implemented to manage the impacts of increased traffic flows including HGVs on the roads with associated effects on severance and intimidation: a. Delivery timing	Embedded	Principal Construction Contractor	oCEMP oTP oCTMP oDEMP (all secured by DCO Requirement)

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		<ul style="list-style-type: none"> b. Delivery booking c. Banksmen d. Speed limit restrictions e. Incident management plan f. Cleaning of vehicles g. Highway condition surveys h. Temporary traffic management procedures i. Information, communication packs and awareness j. Abnormal indivisible loads 			
23	Access and Highways	<p>Management of Operational Traffic</p> <p>Controlling areas where the internal maintenance route crosses any existing PRow or local access roads (such as by providing gates), permitting only</p>	Embedded	Applicant	oOEMP and oLEMP (both secured by DCO Requirement)

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		<p>operational traffic to utilise these internal routes within the Order limits.</p> <p>Operational traffic would give-way to other users when utilising the crossing points. Visibility will be maximised between operational vehicles and other users, with warning signage provided if required.</p> <p>Measures such as planting of hedgerows, maintained to a height of at least 3m, to mitigate the overall impacts for road receptors.</p>			
24	Noise and Vibration	<p>Good Practice Construction Measures</p> <p>Best Practicable Means (BPM) will be applied, as far as reasonably practicable, during construction works to minimise noise and vibration at noise sensitive receptors, including neighbouring residential properties and other sensitive receptors arising from construction activities.</p> <p>To minimise the potential impacts on sensitive receptors, horizontal directional drilling (HDD) will be at a minimum distance of 500m from the</p>	Embedded	Principal Construction Contractor	<p>oCEMP</p> <p>oDEMP</p> <p>(both secured by DCO requirement)</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		nearest residential property (Grange Farm Cottage).			
25	Noise and Vibration	<p>Working Hours</p> <p>HGV deliveries to the Order limits and works likely to generate substantial levels of noise, aside from HDD drilling, would not be undertaken on Saturday afternoons (13:00 onwards). Other construction activities unlikely to generate high noise levels (e.g. site access and inductions, light vehicle movements etc.) may continue during these hours.</p> <p>Trenchless/HDD works will be completed in the shortest practical timescale and night-time noise generation minimised.</p>	Embedded	Principal Construction Contractor	<p>oCEMP</p> <p>oDEMP</p> <p>(both secured by DCO requirement)</p>
26	Noise and Vibration	If percussive piling is used for the support structures/foundations for the Mounting Structures, this should be further restricted (when works are undertaken within 400 metres of residential properties) to no more than two periods of four hours each with at least one hour of no piling between these four-hour periods and restricted to	Additional	Principal Construction Contractor	<p>oCEMP</p> <p>oDEMP</p> <p>(secured by DCO requirement)</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		the hours of 08:00 to 18:00 Monday to Friday and 08:00 to 12:00 on Saturdays.			
27	Noise and Vibration	<p>Noise Level Controls</p> <p>Plant would be installed and operated such that noise levels do not exceed a level of 45dB LAeq at neighbouring noise-sensitive locations during night-time construction activities.</p>	Embedded	Principal Construction Contractor	<p>oCEMP</p> <p>oDEMP</p> <p>(secured by DCO requirement)</p>
28	Noise and Vibration	<p>Acoustic Screening</p> <p>Depending on the plant used, location, pit depth etc., additional mitigation such as acoustic screening using temporary solid barriers with a height of at least that of the drilling equipment, located in proximity (around 10m or less) of the trenchless drilling work may be required.</p>	Additional	Principal Construction Contractor	<p>oCEMP</p> <p>oDEMP</p> <p>(secured by DCO requirement)</p>
29	Noise and Vibration	<p>Site Layout and Principles of Design</p> <p>Solar Stations will be located at a minimum distance of 250m and 50m from residential properties and PRoWs respectively.</p>	Embedded	Principal Construction Contractor	<p>Detailed design approval</p> <p>Design Guidance</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
					(secured by DCO requirement)
30	Noise and Vibration	<p>Site Layout and Design Principles</p> <p>Final design to be determined so that total rated noise levels (LAr), including the applicable character correction, do not exceed 35dB at residential properties. Noise limit to apply to total noise from the Onsite Substation and all solar PV plant.</p>	Embedded	Principal Construction Contractor	Detailed design approval (secured by DCO requirement)
31	Water Resources and Ground Conditions	<p>Site Layout and Principles of Design</p> <p>Watercourses will be buffered by set distances determined as part of the outline Water Management Plan (WMP), which infrastructure will not encroach on.</p> <p>Drainage will be managed by the Outline Surface Water Drainage Strategy.</p> <p>Existing access road and tracks already in place will be utilised to minimise ground disturbance and requirement for further watercourse crossings.</p>	Embedded	Principal Construction Contractor	<p>Detailed design approval,</p> <p>oWMP</p> <p>Design Guidance</p> <p>Outline Surface Water Drainage Strategy</p> <p>(secured by DCO requirement)</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		All electrically sensitive infrastructure (e.g., the substation compound, central inverters and transformers) will be located outside of Flood Zones 2 and 3.			
32	Water Resources and Ground Conditions	<p>Good Practice Construction Measures</p> <p>The oWMP contains best practice measures to mitigate the risk to water resources. A Pollution Prevention Plan (PPP) will be implemented (as secured by the oCEMP) in addition to good practice construction measures to avoid accidental contamination of water resources and the ground.</p>	Embedded	Principal Construction Contractor	oCEMP, oWMP, oDEMP (all secured by DCO requirement)
33	Water Resources and Ground Conditions; Climate Change	<p>Good Practice Measures</p> <p>A designated Flood Warden will be appointed who is familiar with the risks and remains vigilant to news reports, Environment Agency flood warnings and water levels of the local waterways.</p>	Embedded	Principal Construction Contractor	oCEMP oOEMP oDEMP (all secured by DCO requirement)

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
34	Land Use	<p>Site Layout and Principles of Design</p> <p>The results of the Agricultural Land Classification (ALC) survey have influenced the design and layout of the Proposed Development. In particular, the design has evolved to minimise the distribution of panels across land identified as ALC Grade 2, with all fields that consist entirely of Grade 2 removed from the Solar PV Site.</p> <p>The design and layout seeks to minimise the need for any disturbance to agricultural land of best and Most Versatile (BMV) quality, particularly Grade 2, aiming so far as is reasonably practical to locate Solar Stations on land of poorer quality.</p> <p>Additionally, so far as is practicable, access tracks will make use of existing access tracks.</p> <p>The exact position of small infrastructure will be determined at the detailed design stage, but adhering to the Design Guidance to avoid BMV land so far as is practicable</p>	Embedded	Principal Construction Contractor	<p>oSMP, oCEMP</p> <p>Detailed Design and Design Guidance (secured by DCO requirement)</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
35	Land use	<p>Good Soil Management</p> <p>Good soil management practices, such as avoiding trafficking or handling soils when wet and restoring soils into trenches in the same order they were removed, will be undertaken in accordance with relevant guidance (Defra, 2009; BRE, 2014 and IQ, 2021) to during the construction phase of the Proposed Development.</p>	Embedded	Principal Construction Contractor	oSMP (secured by DCO Requirement)
36	Land Use	<p>Operational Land Management</p> <p>Good practice will be employed to ensure that any works (such as the maintenance of the PV panels and the management of the land underneath the PV panels) will be undertaken in a manner that avoids damage to the soil resource, so far as possible.</p>	Embedded	Applicant	oOEMP oLEMP (secured by DCO Requirement)
37	Climate Change	<p>Good Practice Construction Measures</p> <p>Good practice measures to minimise greenhouse gas emissions such as preventing idling vehicles</p>	Embedded	Principal Construction Contractor	oCEMP oDEMP (secured by DCO Requirement)

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		and maximising the use of alternative materials with lower embodied carbon.			
38	Climate Change	<p>Principles of Design and Site Layout</p> <p>The Proposed Development has been designed to be resilient to flooding through sequential design and the raised nature of the PV Arrays. This accounts for increases in rainfall and fluvial flows associated with climate change, as detailed in Appendix 11.5: Flood Risk Assessment of the ES Appendices [EN010127/APP/6.2].</p>	Embedded	Principal Construction Contractor	<p>Detailed design approval</p> <p>Design Guidance (secured by DCO Requirement)</p>
39	Socio-economics	<p>Good Practice Construction Measures</p> <p>PRoW will be managed throughout the construction phase to ensure that they can continue to be used safely.</p> <p>Public safety will be maintained where there are moving vehicles along the construction routes within the Order limits. The construction routes will be physically separated from existing PRoW using</p>	Embedded	Principal Construction Contractor	<p>oCEMP</p> <p>oCTMP</p> <p>oTP</p> <p>oDEMP</p> <p>(secured by DCO Requirement)</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		fencing, mesh, heras, or other similar types of fencing.			
40	Socio-economics	<p>Employment, Skills and Supply Chain</p> <p>The outline Employment, Skills and Supply Chain Plan will</p> <ul style="list-style-type: none"> a. Provide information and communication – ensuring effective communication with stakeholders. The aim of this activity will be to make sure that businesses and public sector agencies have time to understand and plan for the supply chain and skills opportunities associated with the Proposed Development; b. Understand intervention needs – working with local stakeholders set out to assess whether there is a case for targeted actions to develop supply chain or labour market capability; and c. Deliver other supportive activities – identify other opportunities where construction and operation could be configured to help 	Embedded	Principal Construction Contractor	Outline Employment, Skills and Supply Chain Plan (secured by DCO requirement)

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		maximise the potential for local economic benefits.			
41	Air Quality	<p>Good Practice Construction Measures</p> <p>Good practice measures such as wheel washing, damping down access routes and using water assisted dust sweepers. Non-road mobile machinery (NRMM) controls will be established to minimise NOx and particulate emissions.</p>	Embedded	Principal Construction Contractor	oCEMP, oDEMP
42	Arboriculture	<p>Principles of Design and Site Layout</p> <p>The layout of the PV Arrays, fencing and access tracks were refined to avoid impacts on trees. Tree-related conflicts between construction and tree growth space were minimised.</p> <p>The Arboricultural Impact Assessment (AIA) in Appendix 15.2: AIA of the ES was undertaken in parallel with the design process to ensure arboricultural impacts are minimised, and tree</p>	Embedded	Principal Construction Contractor	Detailed design approval (DCO Requirement) Design Guidance

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		protection measures are maximised to secure their unharmed retention.			
43	Arboriculture; Landscape and Visual	<p>Measures to protect trees from accidental damage during the construction and decommissioning phases</p> <p>An Arboricultural Method Statement (AMS) will be prepared (secured by the oCEMP) to identify the specification for tree protection measures and the methodology for sensitive works in proximity to retained trees during construction.</p> <p>A pre-construction tree survey will be undertaken where construction works are likely to affect trees.</p> <p>Where works in close proximity to retained trees cannot be practically avoided, these works will be undertaken in accordance with current best practice, defined in British Standard (BS) 5837: 2012 'Trees in relation to design, demolition and construction'.</p>	Embedded	Principal Construction Contractor	oCEMP oDEMP (all secured by DCO Requirement)

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
44	Glint and Glare	<p>Principles of Design and Site Layout</p> <p>The Proposed Development design has made provision for landscape screen planting of close views to the PV Arrays and associated built elements from PRoWs, local roads (such as the A6121, B1176, Uffington Lane and Carlby Lane) and other publicly accessible areas within and immediate adjacent to the Order limits. This will mitigate the potential effects of glint and glare specifically identified for the two residential properties at Wood Farm Cottages where a small copse of woodland is proposed to screen views.</p>	Embedded	Principal Construction Contractor	Detailed design approval oLEMP
45	Glint and Glare	<p>Screening</p> <p>Additional mitigation is recommended for one dwelling (number 166 in the Glint and Glare Study at Appendix 15.3) due to significant effects being predicted, regardless of the panel mounting system (fixed or tracker). An area of new and improved hedgerow is proposed to be planted to the east of the dwelling which will provide filtering and</p>	Additional	Principal Construction Contractor	Detailed design approval oLEMP (secured by DCO Requirement)

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
		screening of the Solar PV Site. This is detailed within the oLEMP.			
46	Major Accidents and Disasters	<p>Risk Assessment and Management Plans</p> <p>This risk of major accidents and disasters during construction, operation and decommissioning will be addressed through relevant risk assessments and secured by the relevant management plans.</p>	Embedded	Principal Construction Contractor and Applicant	<p>oCEMP</p> <p>oOEMP</p> <p>oDEMP</p> <p>(all secured by DCO Requirement)</p>
47	Major Accidents and Disasters	<p>Adherence to Guidance</p> <p>All works will be undertaken in accordance with the relevant Health and Safety legislation and guidance with relevant emergency details published and communicated to all site personnel.</p>	Embedded	Principal Construction Contractor and Operator	<p>oCEMP</p> <p>oOEMP</p> <p>oDEMP</p> <p>(all secured by DCO Requirement)</p>
48	Utilities	<p>Precautionary Measures</p> <p>The PV Arrays will be located outside of utilities' protected zones by design and the following precautionary measures, such as the use of ground penetrating radar before excavation, will be employed to avoid adverse effects on utilities.</p>	Embedded	Principal Construction Contractor	<p>Works Plans</p> <p>Detailed design approval</p> <p>oCEMP</p> <p>oDEMP</p>

Ref	Relevant Topics	Mitigation Measure	Type of Mitigation	Responsible Party	Securing Mechanism
					(all secured by DCO Requirement)
49	Waste	<p>Waste Management</p> <p>Waste arisings will be prevented and designed out where possible. Opportunities to re-use material resources will be sought where practicable. Where re-use and prevention are not possible, waste arisings will be managed in line with the Waste Hierarchy and Construction Resource Management Plan (CRMP) secured by the oCEMP.</p>	Embedded	Principal Construction Contractor	<p>oCEMP</p> <p>oDEMP</p> <p>(all secured by DCO Requirement)</p>

