



SUNNICA ENERGY FARM

EN010106

Volume 6

Environmental Statement

6.5 Schedule of Environmental Mitigation

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009



Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

Sunnica Energy Farm

6.5 Schedule of Environmental Mitigation

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1 Schedule of Environmental Mitigation

- 1.1.1 This document sets out the environmental mitigation measures to be adopted during the construction, operation and decommissioning phases of the Sunnica Energy Farm (hereafter referred to as the Scheme).
- 1.1.2 **Table 1** lists the environmental mitigation measures to be adopted during construction. **Table 2** lists the environmental mitigation measures to be adopted during operation. **Table 3** lists the environmental mitigation measures to be adopted during decommissioning.

Table 1 Environmental mitigation measures to be adopted during construction.

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
1	Air Quality	To minimise the effects from dust emissions during construction	Minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
2	Air Quality	To minimise the effects from dust emissions during construction	Develop and implement a stakeholder communications plan that includes community engagement before work commences on-site.	Embedded	Applicant	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
3	Air Quality	To minimise the effects from dust emissions during construction	Display the name and contact details of person(s) accountable for air quality and dust issues on site. This may be the environment manager/engineer or the site manager. The head or regional office contact information will also be displayed.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
4	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
5	Air Quality	To minimise the effects from dust emissions during construction	Develop and implement a Dust Management Plan (DMP), which may include measures to control other emissions, approved by the Local Authority. The level of detail will depend on the risk and should include as a minimum the highly recommended measures in this document. The desirable measures should be included as appropriate for the site. The DMP may include monitoring of dust deposition, dust flux, real-time PM10 continuous monitoring and/or visual inspections.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
6	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
7	Air Quality	To minimise the effects from dust emissions during construction	Make the complaints log available to the local authority when asked.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
8	Air Quality	To minimise the effects from dust emissions during construction	Record any exceptional incidents that cause dust and/or air emissions, either on- or offsite, and the action taken to resolve the situation in the logbook.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
9	Air Quality	To minimise the effects from dust emissions during construction	Hold regular liaison meetings with other high-risk construction sites within 500m of the Order limits (if applicable), 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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
10	Air Quality	To minimise the effects from dust emissions during construction	Undertake daily inspection, where receptors (including roads) are nearby, to monitor dust, record inspection results, and make the log available to the local authority when asked. This should include regular dust soiling checks of surfaces within publicly available land within 100m of Order limits, with cleaning to be provided if necessary.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
11	Air Quality	To minimise the effects from dust emissions during construction	Carry out regular site inspections to monitor compliance with the DMP, record inspection results, and make an inspection log available to the local authority when asked.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
12	Air Quality	To minimise the effects from dust emissions during construction	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 carried out and during prolonged dry or windy conditions.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
13	Air Quality	To minimise the effects from dust emissions during construction	Agree dust deposition, dust flux, or real-time PM10 continuous monitoring locations with the Local Authority. The dust risk assessment (completed as part of the ES) will confirm whether monitoring will be required. Where required, commence baseline monitoring at least three months before work commences on-site or, if it a large site, before work on a phase commences. Further guidance is provided by Institute of Air Quality Management (IAQM) on monitoring during demolition, earthworks and construction.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
14	Air Quality	To minimise the effects from dust emissions during construction	Plan site layout so that machinery and dust causing activities are located away from receptors, as far as is possible.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
15	Air Quality	To minimise the effects from dust emissions during construction	Erect solid screens or barriers around dusty activities that are at least as high as any stockpiles on-site where stockpiles are within 100m of receptors.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
16	Air Quality	To minimise the effects from dust emissions during construction	Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period where operations are within 100m of receptors.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
17	Air Quality	To minimise the effects from dust emissions during construction	Avoid site runoff of water and mud to prevent accumulation of muddy water from drying out in and around the site and resulting in increased presence of dust in the area during dry weather.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
18	Air Quality	To minimise the effects from dust emissions during construction	Keep site fencing, barriers and scaffolding clean using wet methods.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
19	Air Quality	To minimise the effects from dust emissions during construction	Remove materials that have a potential to produce dust from the Order limits as soon as possible, unless being re-used on-site. If they are being re-used on-site cover as described below.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
20	Air Quality	To minimise the effects from dust emissions during construction	Cover, seed or fence stockpiles to prevent wind whipping.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
21	Air Quality	To minimise the effects from dust emissions during construction	Ensure all vehicles switch off engines when stationary - no idling vehicles.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
22	Air Quality	To minimise the effects from dust emissions during construction	Avoid the use of diesel- or petrol-powered generators and use mains electricity or battery powered equipment where practicable.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
23	Air Quality	To minimise the effects from dust emissions during construction	Impose and signpost a maximum-speed-limit of 15 mph on surfaced and 10 mph 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 authority, where appropriate).	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
24	Air Quality	To minimise the effects from dust emissions during construction	Produce a Construction Logistics Plan to manage the sustainable delivery of goods and materials.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
25	Air Quality	To minimise the effects from emissions during construction	Implement a Travel Plan that supports and encourages sustainable travel (public transport, cycling, walking, and car-sharing).	Embedded	Applicant	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan and Travel Plan Requirement in the DCO
26	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
27	Air Quality	To minimise the effects from dust emissions during construction	Ensure an adequate water supply on the site for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
28	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
29	Air Quality	To minimise the effects from dust emissions during construction	No bonfires and burning of waste materials will be carried out.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
30	Air Quality	To minimise the effects from dust emissions during construction	Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
31	Air Quality	To minimise the effects from dust emissions during construction	Use Hessian, mulches or tackifiers where it is not possible to re-vegetate or cover with topsoil, as soon as practicable.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
32	Air Quality	To minimise the effects from dust emissions during construction	Only remove the cover in small areas during work and not all at once.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
33	Air Quality	To minimise the effects from dust emissions during construction	Avoid scabbling (roughening of concrete surfaces) if possible.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
34	Air Quality	To minimise the effects from dust emissions during construction	Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
35	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
36	Air Quality	To minimise the effects from dust emissions during construction	For smaller supplies of fine powder materials ensure bags are sealed after use and stored appropriately to prevent dust.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
37	Air Quality	To minimise the effects from dust emissions during construction	Use water-assisted dust sweeper(s) on the access and local roads, to remove, as necessary, any material tracked out of the site. This may require the sweeper being continuously in use.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
38	Air Quality	To minimise the effects from dust emissions during construction	Avoid dry sweeping of large areas.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
39	Air Quality	To minimise the effects from dust emissions during construction	Ensure vehicles entering and leaving sites are covered to prevent escape of materials during transport.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
40	Air Quality	To minimise the effects from dust emissions during construction	Inspect on-site haul routes for integrity and instigate necessary repairs to the surface as soon as reasonably practicable.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
41	Air Quality	To minimise the effects from dust emissions during construction	Record all inspections of haul routes and any subsequent action in a site logbook.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
42	Air Quality	To minimise the effects from dust emissions during construction	Install hard surfaced haul routes, which are regularly damped down with fixed or mobile sprinkler systems, or mobile water bowsers and regularly cleaned.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
43	Air Quality	To minimise the effects from dust emissions during construction	Implement a wheel washing system (with rumble grids to dislodge accumulated dust and mud prior to leaving the site where reasonably practicable).	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
44	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
45	Air Quality	To minimise the effects from dust emissions during construction	Access gates to be located at least 10m from receptors where possible.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
46	Air Quality	To minimise the effects from emissions during construction	Ensure all non-road mobile machinery are regularly maintained and checked to minimise emissions.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
47	Air Quality	To minimise the effects from dust emissions during construction	Implement wetting of dust generating activities, which are usually incorporated into a DMP (where necessary) produced by the contractor.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
48	Air Quality	To minimise the effects from dust emissions during construction	Undertake daily on-site and off-site inspection, where receptors (including roads) are nearby, to monitor dust and record inspection results, on publicly accessible land.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
49	Air Quality	To minimise the effects from dust emissions during construction	Increase the frequency of inspections when activities with a high potential to produce dust are being carried out and during prolonged dry or windy conditions.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
50	Air Quality	To minimise the effects from dust emissions during construction	Locate dust causing activities away from receptors, as far as is possible.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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51	Air Quality	To minimise the effects from dust emissions during construction	Use intelligent screening where possible – e.g. locating site offices between potentially dusty activities and the receptors.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
52	Air Quality	To minimise the effects from dust emissions during construction	Erect solid screens or barriers around the site boundary if necessary.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
53	Air Quality	To minimise the effects from dust emissions during construction	Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period where operations are within 100m of receptors.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
54	Air Quality	To minimise the effects from dust emissions during construction	Remove materials that have a potential to produce dust from site as soon as possible, unless being re-used on site.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
55	Air Quality	To minimise the effects from dust emissions during construction	Depending on the duration that stockpiles will be present and their size, cover, seed, fence or water to prevent wind whipping.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
56	Air Quality	To minimise the effects from dust emissions during construction	Sheet vehicles carrying dusty substrates.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
57	Air Quality	To minimise the effects from dust emissions during construction	Impose and signpost a maximum-speed-limit of 15 mph on surfaced and 10 mph on un-surfaced haul roads and work areas.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
58	Air Quality	To minimise the effects from dust emissions during construction	Use enclosed chutes, conveyors and covered skips, where practicable.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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59	Climate Change	To minimise the use of natural resources and unnecessary materials	Increasing recyclability by segregating construction waste to be re used and recycled where reasonably practicable.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
60	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Adopting the Considerate Constructors Scheme (CCS) to assist in reducing pollution, including greenhouse gases (GHGs), from the Scheme by employing best practice measures.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
61	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Designing, constructing and implementing the Scheme in such a way as to minimise the creation of waste and maximise the use of alternative materials with lower embodied carbon such as locally sourced products and materials with a higher recycled content where feasible.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
62	Climate Change	To minimise the use of natural resources and unnecessary materials	Reusing suitable infrastructure and resources already available in the Order limits where possible to minimise the use of natural resources and unnecessary materials (e.g. reusing excavated soil for fill requirements).	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
63	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Encouraging the use of lower carbon modes of transport by identifying and communicating local bus connections and pedestrian and cycle access routes to/ from the Scheme to all construction staff and providing appropriate facilities for the safe storage of cycles.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
64	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Liaising with construction personnel for potential to implement staff minibuses and car sharing options.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
65	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Implementing a Travel Plan to reduce the volume of construction staff and employee trips to the Scheme.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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66	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Switching vehicles and plant off when not in use and ensuring construction vehicles conform to current EU emissions standards.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
67	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Regular planned maintenance of construction plant will be conducted to optimise efficiency.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
68	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Disposing of wastes locally where reasonably practicable to reduce emissions associated with transportation.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
69	Climate Change	To protect workers during construction from extreme weather	Health and safety plans developed for construction and decommissioning activities will be required to account for potential climate change impacts on workers, such as flooding and heatwaves.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
70	Cultural Heritage	To protect buried archaeology from damage	Ten areas of significant (high value) archaeological activity (totalling approximately 97ha) have been removed from the developable area of the Sites and designated as 'Native Grassland Planting'.	Embedded	Applicant	Chapter 7 Cultural Heritage of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Framework Construction Environmental Management Plan Outline Landscape and Ecological Management Plan Works Plans
71	Cultural Heritage	To protect buried archaeology from damage	A programme of archaeological evaluation and associated paleoenvironmental sampling would accompany pre-construction site investigation works. This would allow a more detailed model of the deposits below the Scheme to be developed and paleoenvironmental information gathered. All archaeological work will be undertaken in line with a Detailed Archaeological Mitigation Strategy (DAMS).	Additional	Applicant	Chapter 7 Cultural Heritage of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Requirement of the DCO

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
72	Cultural Heritage	To protect buried archaeology from damage	Flexibility remains in the Scheme design, allowing options for alterations to construction methodology or placement of panels and infrastructure where significant archaeology is identified and requires preservation in situ, or where significant effects are anticipated on the setting of assets.	Embedded	Applicant	Chapter 7 Cultural Heritage of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Requirement of the DCO
73	Cultural Heritage	To avoid leakage of drilling fluids during non-intrusive construction of cable route	Bentonite will be stored in waterproof bags on site under tarpaulin.	Embedded	Contractor	Chapter 7 Cultural Heritage of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
74	Cultural Heritage	To avoid leakage of drilling fluids during non-intrusive construction of cable route	Personnel monitoring the drilling will be equipped with two-way radios for instant communication with the drilling control cabin, so that the pumping of drilling fluids can be stopped immediately should any leakage occur.	Embedded	Contractor	Chapter 7 Cultural Heritage of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
75	Cultural Heritage	To avoid leakage of drilling fluids during non-intrusive construction of cable route	Should the fluid loss be to the surface, then the mud will be contained by constructing a bund. Sandbags will be available on site for this.	Embedded	Contractor	Chapter 7 Cultural Heritage of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
76	Cultural Heritage	To avoid leakage of drilling fluids during non-intrusive construction of cable route	The excess fluid will be either removed by way of a slurry tanker, or pumped back to the pit through a mud (bentonite) recycling pit.	Embedded	Contractor	Chapter 7 Cultural Heritage of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
77	Cultural Heritage	To avoid leakage of drilling fluids during non-intrusive construction of cable route	All returned slurry will be treated and cleaned using the on-site mud (bentonite) recycling system.	Embedded	Contractor	Chapter 7 Cultural Heritage of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
78	Ecology and Nature Conservation	To mitigate for losses to habitat during construction of the cable route	Post-construction restoration of any habitat removed from within the cable route.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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79	Ecology and Nature Conservation	To prevent harm or injury to Stone-curlew populations	Pre-commencement surveys for Stone-curlew will be undertaken in advance of the works commencing.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
80	Ecology and Nature Conservation	To avoid and reduce impacts on existing habitats and wildlife during construction	A display board will be installed on-site and a website will be set up. These will include contact details for the Site Manager or alternative public interface with whom nuisance or complaints can be lodged. A logbook of complaints will be prepared and managed by the Site Manager.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
81	Ecology and Nature Conservation	To mitigate against harm to any amphibians present	The vegetation should then be kept short to displace any present amphibians, which may be present, away from the works when they emerge in the early spring and discourage amphibians from moving into the site from the surrounding habitat.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
82	Ecology and Nature Conservation	To mitigate against harm to any amphibians present	Vegetation (including topsoil) should be carefully removed using an excavator using a toothed bucket. These works should be supervised by a suitably qualified and experienced ecologist if this is deemed appropriate to do so.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
83	Ecology and Nature Conservation	To mitigate against harm to any amphibians present	Any habitat features which may conceal sheltering amphibians (log piles, rubble mound bunds, any other debris etc.) will be dismantled by hand under supervision of the suitably qualified and experienced ecologist.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
84	Ecology and Nature Conservation	To mitigate against harm to any amphibians present	Dismantling of any on-site rubble piles should be conducted during the amphibian active season (i.e. April to October) during warm weather conditions (i.e. above 5 °C) to avoid killing or injuring potential hibernating amphibians.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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85	Ecology and Nature Conservation	To mitigate against harm to any amphibians present	In the unlikely event that any Great Crested Newt are discovered during these works, then such works must cease immediately and a SQE must be consulted to determine how to proceed. If other amphibians are discovered during vegetation clearance it is proposed that these are translocated to suitable habitat nearby in suitable weather conditions.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
86	Ecology and Nature Conservation	To mitigate the loss of existing habitats during construction and to increase biodiversity within the Order limits	The Outline Landscape and Ecology Management Plan (OLEMP) sets out the measures proposed to mitigate the potential impacts and effects of the Scheme on biodiversity (and landscape) features, and to enhance the biodiversity, landscape and green infrastructure value of the land within the Order limits.	Embedded	Applicant	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecology Management Plan Works Plans
87	Ecology and Nature Conservation	To mitigate the loss of existing habitats during construction and to increase biodiversity within the Order limits	The Scheme will avoid areas of high-quality habitat, such as mature trees and woodland/wetland habitats associated with Local Wildlife Sites (LWS) surrounding the Order limits. Retained trees adjacent to construction working areas will be protected by clearly defined root protection zones to prevent damage/compaction of roots by plant and other machinery.	Embedded	Applicant	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecology Management Plan Works Plans
88	Ecology and Nature Conservation	To protect existing wildlife and habitats around the Order limits	The perimeter security fence around the Scheme will be implemented early in the construction phase to secure the Order limits. The fence design will include gaps to allow mammals to pass underneath at strategic locations. This fence will also prevent construction activity in proximity to retained vegetation, in particular designated sites (County Wildlife Sites) within and adjacent the Order limits and where required specific tree protection measures will be implemented, including fencing and construction exclusion zones.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
89	Ecology and Nature Conservation	To prevent harm or injury to Stone-curlew populations	The Scheme design has embedded sufficient land to offset any potential reduction in arable farmland, that may, in any given year, be used by Stone Curlew. A maximum of ten 2ha nesting plots will be created across Sunnica East Sites A and B, in fields where Stone Curlew have been recorded during surveys.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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			<p>Plots will be a minimum of 100m apart. Various cultivation techniques will be used to create a rough tilth and/or areas of bare ground, depending on ground conditions and other environmental factors or constraints. The new plots will be provided in advance of the loss of any existing habitat. This will mean that the new plots will be available in the breeding season prior to construction commencing.</p> <p>Nesting plots will be created and managed in line with the RSPB information Note 'Managing nest plots for stone-curlews' and the Countryside Stewardship Higher Tier 'AB4: Nesting plots for stone curlew' guidance note.</p>				
90	Ecology and Nature Conservation	To prevent harm or injury to Stone-curlew populations	Approximately 108ha of predominantly arable farmland have been embedded within the Scheme for reversion to grassland, specifically managed to create a close-cropped sward, suitable for Stone Curlew. Small areas of existing acid grassland have also been retained within the Scheme design in Sunnica East Site B and these will form the basis of reverting adjacent areas in Sunnica East Site B to semi-natural grassland. Within Sunnica East Site A the offsetting area will be sown with a chalk grassland mix and managed specifically for Stone Curlew, i.e. maintaining a close-cropped sward. The plots will be retained within these established grassland areas for the lifespan of the project.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
91	Ecology and Nature Conservation	To prevent harm or injury to Stone-curlew populations	Construction will be phased so that areas within 500m of the new habitat provisions are developed outside the Stone Curlew breeding season of March to October and that the replacement provisions are ready for use by Stone Curlew by the breeding season at the start of construction.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
92	Ecology and Nature Conservation	To prevent harm or injury to Stone-curlew populations	All construction staff working within Sunnica East Sites A and B will also be given a toolbox talk regarding the sensitivity of Stone Curlew.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
93	Ecology and Nature Conservation	To protect existing wildlife and habitats around the Order limits	A licensed Ecological Clerk of Works (ECoW) will be employed/contracted to advise on relevant environmental commitments, the findings of the updated surveys, protected species licencing requirements and with reference to the relevant project programmes.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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94	Ecology and Nature Conservation	To protect existing wildlife and habitats around the Order limits	Immediately prior to site clearance and the start of construction in each relevant part of the Order limits, further site walkover surveys will be undertaken by an ecologist to confirm whether the risks remain as previously assessed and/or to confirm the correct implementation of impact avoidance measures (e.g. protected species stand-offs). The scope of the required walkovers will be defined on a case by case basis, in consultation with the project team, ECDC and WSC or other relevant statutory consultees as necessary, based on the specific risks.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
95	Ecology and Nature Conservation	To prevent harm or injury to Stone-curlew populations	The ECoW will monitor Stone Curlew during construction. Monitoring will be documented in the contractor's construction logs.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
96	Ecology and Nature Conservation	To protect existing wildlife and habitats around the Order limits	Relevant site staff will receive toolbox talks on the ecological risks present, legal requirements and working arrangements necessary to comply with legislation. Toolbox talks will be repeated as necessary over the duration of the relevant works.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
97	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Pre-construction surveys will be undertaken to validate and, if necessary, update the baseline habitat survey findings and to update on the presence and location of invasive species to inform the implementation of measures to prevent the spread.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
98	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Precautionary working method statements, informed by the CEMP(s), will be produced by the appointed contractor to specify working requirements and other impact avoidance measures. These will be controlled and implemented through the CEMP(s).	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
99	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Retained trees adjacent to construction working areas will be protected by clearly defined root protection zones to prevent damage/compaction of roots by plant and other machinery.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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100	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Where reasonably practicable, vegetation clearance works will be undertaken outside the bird breeding season, which is generally between March and August inclusive. Where this is not reasonably practicable, an ecologist will inspect all areas of vegetation prior to clearance, and clearance will only be undertaken subject to the instruction and requirements of the ecologist to protect any birds and their nests.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
101	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Reasonable avoidance measures will be used during clearance of any habitat suitable for reptiles, to minimise the risk of direct impacts including phased clearance of vegetation to gradually reduce suitability for reptiles, thereby encouraging animals to move away from affected areas into adjacent suitable habitat.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
102	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Cleared ground will be maintained in a disturbed state in the run-up to construction commencing to minimise the risk of ground nesting birds attempting to nest on cleared ground.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
103	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Implementation of measures to avoid animals being injured or killed within construction working areas, through excluding them from such areas and preventing them falling into and becoming trapped in excavations.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
104	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Precautionary measures will be implemented to prevent trapping wildlife in construction excavations in order to ensure compliance with animal welfare legislation. All excavations deeper than 1m will be covered or fenced overnight, or where this is not practicable, a means of escape will be fitted (e.g. battened soil slope or scaffold plank) to provide an escape route should any animals stray into the construction site and fall into an excavation.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
105	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Reasonable avoidance measures to avoid impact on badgers and bats will be employed, including buffers of 30m around any identified badger setts and 15m buffer around trees with bat roost potential.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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106	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	A 30m buffer zone will be applied to the Havacre Meadows and Deal Nook County Wildlife Site.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
107	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	One badger sett will be closed. An artificial sett will need to be created to mitigate for the loss of the sett. This newly created sett will be located within 50m of the existing sett, on the opposite side of Newnham Drove, Burwell.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
108	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Avoidance of construction traffic through designated sites. Specifically, construction staff vehicles will be discouraged from using Turnpike Road during construction to minimise air quality impacts on the Red Lodge Heath Site of Special Scientific Interest (SSSI).	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
109	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	The crossing of watercourses where the presence of Otter and Water Vole have been determined, as well as the River Kennett, River Snail, Lee Brook, New River and Burwell Lode, will be undertaken using boring, micro-tunnelling or moling methods, with appropriate setbacks from the top of the banks (depending on habitats and other individual ecological constraints).	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
110	Ecology and Nature Conservation	To prevent the spread of invasive non-native species during construction	A Biosecurity Management Plan which sets out procedures to ensure any imported building/landscaping materials are free from invasive non-native species (e.g. Schedule 9 species) will be prepared.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
111	Ecology and Nature Conservation	To prevent the spread of invasive non-native species during construction	No works will be undertaken within 10m of watercourses.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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112	Ecology and Nature Conservation	To prevent the spread of invasive non-native species during construction	Pre-commencement surveys for invasive species will be undertaken in advance of the works commencing.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
113	Ecology and Nature Conservation	To prevent the spread of invasive non-native species during construction	In the event that any future infestations of invasive non-native species are identified prior to and, or during the development process, exclusion zones will be established around them and the ECoW contacted for advice.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
114	Ecology and Nature Conservation	To prevent the spread of invasive non-native species during construction	Where invasive non-native species have been identified, e.g. Lee Brook, no in-channel works will be undertaken to avoid the spread of invasive non-native species. These works will be monitored by the ECoW.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
115	Ecology and Nature Conservation	To minimise visual intrusion from lighting	Temporary construction site lighting will be designed as far as reasonably practicable so as to minimise artificial light spill from the site. Throughout the Scheme, the use of motion detection security lighting to avoid permanent lighting is embedded in the Scheme design and the inward distribution of light will avoid light spill on to existing boundary features.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
116	Ecology and Nature Conservation	To reinstate habitats to be temporarily lost during construction throughout the Order limits	Habitats to be temporarily lost or damaged during construction will be fully reinstated on a like-for-like basis at the same location on completion of construction works, where practical. Some habitats will be restored and managed with the aim of increasing their biodiversity value in the long-term.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
117	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Preparation of mitigation strategies for protected species and where required.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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118	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	An application for species licences from Natural England for translocation of badgers away from construction areas sufficiently in advance of the works to meet with the optimum time for mitigation and to minimise any changes to the construction programme.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
119	Ecology and Nature Conservation	To avoid and minimise impacts on protected/notable species and existing habitats	Vegetation clearance will be undertaken in advance of construction and at an appropriate time of year (ideally in September or October, concordant with the requirements for avoidance of nesting birds) to avoid incidental injuring or killing of reptiles and amphibians. There will be no need to undertake any relocation of reptiles.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
120	Ecology and Nature Conservation	To protect existing designated sites within the Order limits	Existing designated sites within the Order land will be avoided and measures embedded within the Scheme design will ensure that they are not affected during construction, operation and decommissioning e.g. through siting construction routes away from designated sites and buffer zones.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
121	Flood Risk, Drainage and Water Resources	To increase the Scheme's resilience to increases in flooding from climate change	Storing topsoil and other construction materials outside of the 1 in 100 year floodplain extent (Flood Zone 3), as far as reasonably practicable.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
122	Flood Risk, Drainage and Water Resources	To increase the Scheme's resilience to increases in flooding from climate change	Appointing at least one designated Weather Warden who is familiar with the risks and remains vigilant to news reports, Environment Agency flood warnings and water levels of the local waterways.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
123	Flood Risk, Drainage and Water Resources	To manage construction site runoff	All reasonably practicable measures will be taken to prevent the deposition of fine sediment or other material in, and the pollution by sediment of, any existing watercourse, arising from construction activities. The measures will accord with the principles set out in industry guidelines including the CIRIA report 'C532: Control of water pollution from construction sites' and CIRIA report C648 Control of water pollution from linear construction sites'. Measures may include use and maintenance of temporary lagoons, tanks, bunds and fabric silt fences or silt screens as well as consideration of the type of plant used.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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124	Flood Risk, Drainage and Water Resources	To manage construction site runoff	A temporary drainage system will be developed to prevent runoff contaminated with fine particulates from entering surface water drains without treatment. This will include identifying all land drains and waterbodies on the Scheme and ensuring that they are adequately protected using drain covers, sandbags, earth bunds, geotextile silt fences, straw bales, or proprietary treatment (e.g. lamella clarifiers).	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
125	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Drainage will provide appropriate pollution control measures as agreed with the sewerage undertaker or the Environment Agency as appropriate. Holding or settling tanks, separators and other measures as may be required, will be provided and maintained.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Requirement in the DCO
126	Flood Risk, Drainage and Water Resources	To manage construction site runoff	The relevant sections of BS 6031: Code of Practice for Earthworks will be followed for the general control of site drainage.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
127	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Where practical, earth works will be undertaken during the drier months of the year. When undertaking earth moving works periods of very wet weather will be avoided, where practical, to minimise the risk of generating runoff contaminated with fine particulates. However, it is likely that some working during wet weather periods will be unavoidable, in which case other mitigation measures (see below) will be implemented to control fine sediment laden runoff. Water may also be required to dampen earthworks during dry weather to reduce dust impacts, and any runoff generated will need to be appropriately managed by the Contractor in accordance with the pollution prevention principles described in this chapter.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
128	Flood Risk, Drainage and Water Resources	To manage construction site runoff	To protect watercourses from fine sediment runoff, topsoil/subsoil will be stored a minimum of 20m from watercourses on flat lying land. Where this would not be practicable, and it is to be stockpiled for longer than a two-week period, the material will either be covered with geotextile mats, seeded to promote vegetation growth, or runoff prevented from draining to a watercourse without prior treatment.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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129	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Appropriately sized runoff storage areas for the settlement of excessive fine particulates in runoff will be provided. Construction site runoff will either be treated on site and discharged under a Water Discharge Activity Permit from the Environment Agency to Controlled Waters (potentially also including infiltration to ground) or to the nearest public sewer with sufficient capacity for treatment following discussions with Anglian Water, or removed from site for disposal at an appropriate and licenced waste facility.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
130	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Equipment and plant are to be washed out and cleaned in designated areas within the site compound where runoff can be isolated for treatment before disposal as outlined above.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
131	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Mud deposits will be controlled at entry and exit points to the Order limits using wheel washing facilities and / or road sweepers operating during earthworks activities or other times as required.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
132	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Debris and other material will be prevented from entering surface water drainage, through maintenance of a clean and tidy site, provision of clearly labelled waste receptacles, grid covers and the presence of site security fencing.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
133	Flood Risk, Drainage and Water Resources	To manage construction site runoff	The Water Management Plan (WMP) will include details of pre, during and post-construction water quality monitoring. This will be based on a combination of visual observations and reviews of the Environment Agency's automatic water quality monitoring network.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Requirement of the DCO
134	Flood Risk, Drainage and Water Resources	To manage spillage risk	Fuel would be stored and used in accordance with the Control of Substances Hazardous to Health Regulations 2002, and the Control of Pollution (Oil Storage) (England) Regulations 2001. Particular care will be taken with the delivery and use of concrete and cement as it is highly corrosive and alkaline.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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135	Flood Risk, Drainage and Water Resources	To manage spillage risk	Fuel and other potentially polluting chemicals would either be in self bunded leak proof containers or stored in a secure impermeable and bunded area (minimum capacity of 110% of the capacity of the containers).	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
136	Flood Risk, Drainage and Water Resources	To manage spillage risk	Any plant, machinery or vehicles would be regularly inspected and maintained to ensure they are in good working order and clean for use in a sensitive environment. This maintenance is to take place off site if possible or only at designated areas within the Order limits compound. Only construction equipment and vehicles free of all oil/fuel leaks will be permitted on site. Drip trays will be placed below static mechanical plant.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
137	Flood Risk, Drainage and Water Resources	To manage spillage risk	All washing down of vehicles and equipment would take place in designated areas and wash water will be prevented from passing untreated into watercourses.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
138	Flood Risk, Drainage and Water Resources	To manage spillage risk	All refuelling, oiling and greasing will take place above drip trays or on an impermeable surface which provides protection to underground strata and watercourses, and away from drains as far as reasonably practicable. Vehicles will not be left unattended during refuelling.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
139	Flood Risk, Drainage and Water Resources	To manage spillage risk	As far as reasonably practicable, only biodegradable hydraulic oils would be used in equipment working in or over watercourses.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
140	Flood Risk, Drainage and Water Resources	To manage spillage risk	All fixed plant used on the site would be self-bunded.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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141	Flood Risk, Drainage and Water Resources	To manage spillage risk	Mobile plant is to be in good working order, kept clean and fitted with plant 'nappies' at all times.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
142	Flood Risk, Drainage and Water Resources	To manage spillage risk	The WMP would include details for pollution prevention and will be prepared and included alongside the CEMP. Spill kits and oil absorbent material will be carried by mobile plant and located at high risk locations across the site and regularly topped up. All construction workers will receive spill response training and toolbox talks.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Requirement of the DCO
143	Flood Risk, Drainage and Water Resources	To manage spillage risk	The Scheme would be secure to prevent any vandalism that could lead to a pollution incident.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Requirement of the DCO
144	Flood Risk, Drainage and Water Resources	To manage spillage risk	Construction waste / debris are to be prevented from entering any surface water drainage or water body.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
145	Flood Risk, Drainage and Water Resources	To manage spillage risk	Surface water drains on public roads trafficked by plant or within the construction compound would be identified and, where there is a risk that fine particulates or spillages could enter them, the drains will be protected (e.g. using covers or sandbags) or the road regularly cleaned by road sweeper.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
146	Flood Risk, Drainage and Water Resources	To manage spillage risk	Suitable facilities for concrete wash water (e.g. geotextile wrapped sealed skip, container or earth bunded area) would be adequately contained, prevented from entering any drain, and removed from the Site for appropriate disposal at a suitably licenced waste facility.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
147	Flood Risk, Drainage and Water Resources	To manage spillage risk	Water quality monitoring of potentially impacted watercourses would be undertaken to ensure that pollution events can be detected against baseline conditions and can be dealt with effectively.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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148	Flood Risk, Drainage and Water Resources	To manage spillage risk	Any site welfare facilities would be appropriately managed, and all foul waste disposed of by an appropriate contractor to a suitably licenced facility if it is not possible to connect to the public sewer.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
149	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	Topsoil and other construction materials would be stored outside of the 1 in 100 year floodplain extent. If areas located within Flood Zone 2 are to be utilised for the storage of construction materials, this would be done in accordance with the applicable flood risk activity regulations, if required.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
150	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	Connectivity would be maintained between the floodplain and the adjacent watercourses, with no changes in ground levels within the floodplain as far as practicable.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
151	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	During the construction phase, the Contractor would monitor weather forecasts on a monthly, weekly and daily basis, and plan works accordingly. For example, works in the channel of any watercourse will be avoided or halted were there to be a significant risk of high flows or flooding.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
152	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The construction laydown area site office and supervisor will be notified of any potential flood occurring by use of the Floodline Warnings Direct or equivalent service.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
153	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The Contractor would be required to produce an Emergency Response Plan which will provide details of the response to an impending flood and include a 24-hour availability and ability to mobilise staff in the event of a flood warning.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
154	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The Contractor would be required to produce an Emergency Response Plan which would provide details of the response to an impending flood.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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155	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The Contractor would be required to produce an Emergency Response Plan which would provide details of the response to an impending flood and include details of the evacuation and site closedown procedures.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
156	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The Contractor would be required to produce an Emergency Response Plan which would provide details of the response to an impending flood and include arrangements for removing any potentially hazardous material and anything capable of becoming entrained in floodwaters, from the temporary works areas.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
157	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The Contractor would sign up to Environment Agency flood warning alerts and describe in the Emergency Response Plan the actions it will take in the event of a flood event occurring. These actions will be hierarchal meaning that as the risk increases the Contractor would implement more stringent protection measures.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
158	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	If water is encountered during below ground construction, suitable de-watering methods would be used. Any groundwater dewatering required in excess of the exemption thresholds would be undertaken in line with the requirements of the Environment Agency (under the Water Resources Act 1991 as amended) and the Environmental Permitting Regulations (2016).	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
159	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	Safe egress and exits are to be maintained at all times when working in excavations. When working in excavations a banksman is to be present at all times.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
160	Flood Risk, Drainage and Water Resources	To prevent damage to the morphology of waterbodies	A pre-works morphology survey of the channel of each watercourse to be crossed by high voltage cables using intrusive and non-intrusive techniques will be undertaken. This is to ensure there is a formal record of the condition of each watercourse prior to commencement of works to install cables beneath the channel. The survey is a precautionary measure so that should there be any unforeseen adverse impacts there is a record against which any remedial action can be determined.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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161	Flood Risk, Drainage and Water Resources	To prevent damage to the morphology of waterbodies	All works during construction of the Sites and the non-intrusive crossings for the cable corridor will be undertaken at least 10m away from watercourses. All Scheme equipment will be located and constructed at least 10m away from watercourses.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
162	Flood Risk, Drainage and Water Resources	To prevent damage to the morphology of waterbodies	The water supply to be used for dust suppression will be determined by the contractor. The contractor will ensure the use of a suitable water supply, which may be from an agricultural irrigation reservoir or other potable supply but will not be abstracted from local watercourses.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
163	Flood Risk, Drainage and Water Resources	To prevent damage to the morphology of waterbodies	For the access track crossing over the Tributary of the River Lark between E01 and E02, a clear span structure will be designed for the watercourse crossing by the access road, to minimise impacts to the channel bed, banks and watercourse continuity. There may be an option for an alternative access route to avoid the watercourse or cross at a location further upstream, that will be considered during detailed design.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
164	Flood Risk, Drainage and Water Resources	To prevent damage to the morphology of waterbodies	For the access crossing of the Tributary of the River Snail (W1 – please refer to Figure 3-23 of the Environmental Statement [EN010106/APP/6.3] for a plan showing cable route crossing labels), an enhancement length of 14m is proposed to offset the loss of habitat from the creation of a new culvert. This culvert will be approximately 7m long and its impact would be mitigated through inclusion of a buried culvert base and natural bed, maintaining a continuous gradient with the current watercourse, and sizing the culvert so that it will not impact flow velocities or back up flood flows.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
165	Flood Risk, Drainage and Water Resources	To manage workers' safety from increases in flooding from climate change	Health and safety plans developed for construction activities will be required to account for potential climate change impacts on workers, such as flooding and heatwaves.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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166	Flood Risk, Drainage and Water Resources	To prevent damage to the morphology of waterbodies and aquatic life	Underground boring techniques would be used to install power cables beneath watercourses encountered along the grid connection routes. Techniques such as boring, micro-tunnelling or moling would be used to avoid direct physical impacts to waterbodies. The cable depth below the bed of all watercourses would be a minimum of 2 m. Overall, although this approach would require the temporary excavation of launch and receiving pits either side of the watercourses, this approach would avoid any direct adverse impacts to watercourses from construction works. Once installed there would not be any long-term potential impacts (i.e. the risk of the cables being exposed above the bed of the watercourse.)	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
167	Glint and Glare	To prevent or reduce the impact of construction site lighting on human and ecological receptors	All construction lighting will be deployed in accordance with the following recommendations: <ul style="list-style-type: none"> The use of lighting will be minimised to that required for safe site operations; Lighting will utilise directional fittings to minimise outward light spill and glare (e.g. via the use of light hoods/cowls which direct light below the horizontal plane, preferably at an angle greater than 20° from horizontal); and Lighting will be directed towards the middle of the Order limits rather than towards the boundaries. 	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
168	Ground Conditions	To protect construction workers health during construction	All workers would be required to wear PPE such as dust masks as applicable.		Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
169	Ground Conditions	To ensure that unacceptable pollutant linkages do not exist on completion of the Scheme	Intrusive site investigation is proposed by Applicant at the post-consent stage to provide geo-environmental data to evaluate soil and groundwater quality and verify the conceptual site model. It will also verify the proposed mitigation measures so that unacceptable pollutant linkages do not exist on completion of the Scheme. The geo-environmental investigation will be designed with due consideration of the requirements of BS 10175:2011: +A2 2017: Investigation of Potentially Contaminated Sites – Codes of Practice (BSI). The requirement for an intrusive investigation is expected to be secured through a requirement of the DCO.	Embedded	Applicant	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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170	Ground Conditions	To minimise the risks to construction workers and local population	<p>Prior to work commencing, a health and safety risk assessment will be carried out in accordance with current health and safety regulations and based on ground investigation findings. This assessment will cover potential risks to both the staff and the local population. Based on the findings of this risk assessment, appropriate mitigation measures should be implemented during the course of any temporary works. This could include, for example, the following measures:</p> <ul style="list-style-type: none"> • Use of appropriate PPE for construction workers - including gloves and, where appropriate, dust masks, use of ground gas monitoring equipment and hygiene facilities; and • Use of appropriate site control measures to minimise the migration of contaminated dusts and soils from the Site to adjacent areas. 	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
171	Ground Conditions	To minimise the risk of pollutants entering aquifers	Historical boreholes (including former Waterhall public water supply) are noted to exist on the Order limits; these will need to be identified and decommissioned (if not in use) or protected, in accordance with EA guidance, to remove this potential pathway into the underlying aquifers.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
172	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	Natural England and the EA will be consulted regarding Fenland SAC, Chippenham Fen SSSI and Snailwell Poor's Fen SSSI which adjoin or partially overlap the Sunnica West Site B prior to any intrusive works. This is because these nature conservation sites are fed by chalk springs, and water levels are controlled by a series of ditches and dykes. They also support a diverse range of aquatic flora and fauna which may be susceptible to local changes in ground and surface flows.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
173	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	Containment measures would be implemented, including drip trays, bunding or double-skinned tanks of fuels and oils; all chemicals would be stored in accordance with their COSHH guidelines, whilst spill kits would be provided in areas of fuel/oil storage.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
174	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	An emergency spillage action plan will be produced, which staff would have read and understood, and provisions made to contain any leak/spill.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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175	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	Should any potentially contaminated ground, including isolated 'hotspots' of contamination and/or potential deposits of asbestos containing materials, be encountered, the contractor would be required to investigate the areas and assess the need for containment or disposal of the material. The contractor would also be required to assess whether any additional health and safety measures are required.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
176	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	To further minimise the risks of contaminants being transferred and contaminating other soils or water, construction workers would be briefed as to the possibility of the presence of such materials.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
177	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	In the event that contamination is identified, appropriate remediation measures would be taken to protect construction workers, future site users, water resources, structures and services.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
178	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	The contractor would be required to place arisings and temporary stockpiles away from watercourses and drainage systems, whilst surface water would be directed away from stockpiles to prevent erosion.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
179	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	The risk to surface water and groundwater from run-off from any contaminated stockpiles during construction works would be reduced by implementing suitable measures to minimise rainwater infiltration and/or capture runoff and leachates, through use of bunding and/or temporary drainage systems. These mitigation measures would be designed in line with current good practice, follow appropriate guidelines and all relevant licences/permits.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
180	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	The contractor would ensure that all material is suitable for its proposed use and would not result in an increase in contamination-related risks on identified receptors, including any landscaped areas and underlying groundwater.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
181	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	Any waters removed from excavations by dewatering would be discharged appropriately, subject to the relevant permits being obtained from the Environment Agency.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
182	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	The contractor will implement a dust suppression/management system in order to control the potential risk from airborne contamination migrating off-site to adjacent sites.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
183	Ground Conditions	To minimise the risk of local changes in ground and surface flows, and impacts on supported ecology	Piling design and construction works will be completed following the preparation of a Piling Works Risk Assessment.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
184	Land Use	To minimise impacts on soil	Agricultural soils will be managed, preserved, retained and reinstated in accordance with Department for Environment, Food and Rural Affairs (Defra) guidance.	Embedded	Contractor	Chapter 12 Socio-Economics and Land Use of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
185	Land Use	To minimise impacts on soil	A Soil Management Plan (SMP) will be produced to guidance on handling of soil material, specific to the soil resource present. This will serve to conserve both soil volume and functional capacity for beneficial reuse, from the small areas where soil will be stripped. The SMP will also cover the establishment of the permanent green cover at the suspension.	Embedded	Contractor	Chapter 12 Socio-Economics and Land Use of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
			of arable cropping that will remain in place for the duration of the solar farm construction, operation, and decommissioning. In addition to protecting the soil surface from damage this green cover will be a forage crop for grazing by livestock. The composition of the seed mix used can be varied across the site to deliver specific yield and biodiversity objectives appropriate to the location.				
186	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Implementation of landscape and biodiversity management and enhancement measures including replacement tree and hedgerow planting.	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
187	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Landscape, arborists and ECoW to ensure that the landscape and ecology requirements of the CEMP(s) are adhered to and that the construction works are monitored.	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
188	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	The perimeter security fence around the Scheme will be implemented early in the construction phase to secure the construction site.	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
189	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise	A pre-construction tree survey will be undertaken where construction works are likely to affect trees. The findings of this will be included within an Arboriculture Report, which will be accompanied by an Arboriculture Method Statement. These reports will build on the PAMS provided in Appendix 10B of the Environmental Statement [EN010106/APP/6.2]. The findings and recommendations of these will be taken into account by the appointed contractor.	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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		the visual impacts of the Scheme					
190	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	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 – Recommendations and National Joint Utilities Group Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees .	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
191	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	All necessary protective fencing will be installed prior to the commencement of any site clearance or construction works.	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
192	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Existing vegetation along the boundary of the Order limits will be retained and managed where practicable to ensure its continued presence and to aid the screening of low-level views into the construction site.	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
193	Major Accidents and Disasters	To minimise risks to health and safety	All works will be undertaken in accordance with relevant Health and Safety legislation and guidance. Details of fire, police, emergency services and hospitals will be publicised and included in the site induction.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
194	Major Accidents and Disasters	To minimise risks to health and safety	The relevant risk assessments for safety during construction will be required and produced by the contractor prior to construction, which will be implemented to minimise the risk of accidents and disasters on site.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
195	Noise and Vibration	To minimise noise and vibration from construction activities	Unnecessary revving of engines will be avoided, and equipment will be switched off when not in use.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
196	Noise and Vibration	To minimise noise and vibration from construction activities	Appropriate routing of construction traffic on public roads and along access tracks pursuant to the CTMP.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
197	Noise and Vibration	To minimise noise and vibration from construction activities	Drop heights of materials will be minimised.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
198	Noise and Vibration	To minimise noise and vibration from construction activities	Plant and vehicles will be sequentially started up rather than all together.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
199	Noise and Vibration	To minimise noise and vibration from construction activities	Regular and effective maintenance by trained personnel will be undertaken to keep plant and equipment working to manufacturer's specifications. All construction plant and equipment to be properly maintained, silenced where appropriate, operated to prevent excessive noise and switched off when not in use.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
200	Noise and Vibration	To minimise noise and vibration from construction activities	Consideration will also be given to traffic routing, timing and access points to the Sites to minimise noise impacts at existing receptors following appointment of a principal contractor, and as construction working methods are developed. Contractors will issue a project route map and delivery schedule to control construction traffic. Management of HGVs within the site and being let onto the highway network will be managed through a CTMP pursuant to the Framework CTMP.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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201	Noise and Vibration	To minimise noise and vibration from construction activities	All contractors to be made familiar with current legislation and the guidance in BS 5228 (Parts 1 and 2) which should form a prerequisite of their appointment.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
202	Noise and Vibration	To minimise noise and vibration from construction activities	Hydraulic techniques for breaking to be used in preference to percussive techniques, where reasonably practicable.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
203	Noise and Vibration	To minimise noise and vibration from construction activities	Off-site pre-fabrication where reasonably practicable.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
204	Noise and Vibration	To minimise noise and vibration from construction activities	Use of screening locally around significant noise producing plant and activities (to be designed to minimised landscape and visual impacts).	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
205	Noise and Vibration	To minimise noise and vibration from construction activities	Loading and unloading of vehicles, dismantling of site equipment or moving equipment or materials around the Order limits to be conducted in such a manner as to minimise noise generation, as far as reasonably practicable.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
206	Noise and Vibration	To minimise noise and vibration from construction activities	All vehicles used on-site shall incorporate reversing warning devices as opposed to the typical tonal reversing alarms to minimise noise disturbance where reasonably practicable.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
207	Noise and Vibration	To minimise noise and vibration from construction activities	Provision of information to ECDC and WSC and local residents to advise of potential noisy works that are due to take place.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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208	Noise and Vibration	To minimise noise and vibration from construction activities	Monitoring of noise complaints and reporting to Applicant for immediate investigation and action. A display board will be installed on-site and a website will be set up. These will include contact details for the Site Manager or alternative public interface with whom nuisance or complaints can be lodged. A logbook of complaints will be prepared and managed by the Site Manager.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
209	Noise and Vibration	To reduce the likelihood of adverse noise effects during construction	Section 61 Consents would be obtained for the Scheme which would include agreed construction noise limits for nearby noise sensitive receptors.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
210	Noise and Vibration	To minimise noise and vibration from construction activities	Best Practicable Means 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.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
211	Noise and Vibration	To minimise noise and vibration from construction activities	Ensure that all appropriate processes, procedures and measures are in place to minimise noise before works begin and throughout the construction programme.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
212	Noise and Vibration	To minimise noise and vibration from construction activities	Ensuring that, where reasonably practicable, noise and vibration is controlled at source (e.g. the selection of inherently quiet plant and low vibration equipment), review of the construction programme and methodology to consider quieter methods, consideration of the location of equipment on-site and control of working hours.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
213	Noise and Vibration	To minimise noise and vibration from construction activities	Use of modern plant, complying with applicable UK noise emission requirements.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
214	Noise and Vibration	To minimise noise and vibration from construction activities	All construction plant and equipment to be properly maintained, silenced where appropriate, operated to prevent excessive noise and switched off when not in use.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

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215	Noise and Vibration	To minimise noise and vibration from construction activities	Noisy works will not be undertaken until after 10:00 hours in the Work Areas close to Snailwell Gallops in Sunnica West Site A, specifically W03, W04 and ECO5.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
216	Socio-Economics	To minimise disruption to users of public rights of way during construction	Temporary diversions of Public Right of Way (PRoW) during the construction phase will be put in place and monitored to ensure they are suitable and well maintained for use. All diversions will be sign-posted accordingly, and closures will be advertised in advance.	Embedded	Contractor	Chapter 12 Socio-Economics and Land Use of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
217	Socio-Economics	To improve the benefits from the construction phase on the local community	A Skills, Supply Chain and Employment Plan will be implemented.	Additional	Applicant	Chapter 12 Socio-Economics and Land Use of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Outline Skills, Supply Chain and Employment Plan
218	Telecommunications, Television Reception, and Utilities	To avoid buried utilities during construction	The Scheme would be located outside of utilities protected zones.	Embedded	Applicant	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Works Plans
219	Telecommunications, Television Reception, and Utilities	To avoid buried utilities during construction	Ground penetrating radar would be used before excavation to identify any unknown utilities.	Embedded	Applicant	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
220	Telecommunications, Television Reception, and Utilities	To avoid buried utilities during construction	Consultation and agreement of construction/ demobilisation methods would be required prior to works commencing to avoid utilities.	Embedded	Applicant	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
221	Transport and Access	To reduce the impact of HGV deliveries on road congestion	<p>To reduce the potential impact of the HGV deliveries, the arrival and departure times will be managed to minimise the number of HGVs travelling to the Order limits during the highway peak hours. In addition, the HGVs can be delayed in the afternoon to avoid being released from the site during the highway peak hour. The HGV deliveries will be routed onto the strategic road network (A11 / A14) to travel to / from the site. As set out in the Access Strategy the HGV deliveries will be required to use the A11 to travel to the main accesses of the Sites and will therefore not have an impact on any of the local villages near the Order limits such as Chippenham or Red Lodge during the AM or PM highway peak hours.</p> <p>The timing restrictions, considered likely to be implemented at this stage are:</p> <ul style="list-style-type: none"> No arrivals or departures on a Weekday between 08:00 and 09:00, and between 17:00 and 18:00; No arrivals or departures on a Saturday before 08:00 or after 13:00; and <p>No arrivals or departures on Sundays or public holidays.</p>	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
222	Transport and Access	To reduce the impact of HGV deliveries on road congestion	Adequate space will be made available within the Order limits to ensure no overspill queueing is caused onto the surrounding road network, which would be outlined in the Construction Traffic Management Plan (CTMP).	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
223	Transport and Access	To reduce the impact of HGV deliveries on road congestion	The Police would be given advanced notification under the Road Vehicle Authorisation of Special Types Order 2003.	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
224	Transport and Access	To reduce the impact of vehicles associated with staff	Staff will be encouraged to lift share with colleagues to reduce the number of vehicles travelling to/from the Order limits each day.	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
225	Transport and Access	To reduce the impact of vehicles associated with staff	Staff will be directed to use the strategic road network (SRN) in the vicinity of the Order limits such as the A11, A14 and A142 to travel to/from the Order limits where appropriate to minimise the amount of construction traffic using local roads through the nearby villages.	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO

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226	Transport and Access	To reduce the impact of vehicles associated with staff	<p>The parking strategy seeks to minimise the potential impact of the vehicle trips associated with the staff, in particular on the surrounding villages. Two evenly split temporary car parking areas are proposed to be used throughout the construction period, one within Sunnica West Site A and the other in Sunnica East Site B, which are accessed as follows:</p> <ul style="list-style-type: none"> Sunnica West Site A – to be accessed off La Hogue Road which links to the A11 approximately 400m / 0.25 miles to the south of the site access; and <p>Sunnica East Site B – to be accessed off Elms Road, which is located circa 1km / 0.6 miles from to the A11 northbound off-slip/Elms Road T-Junction and is also located in close proximity 1.6km / 1 mile to the Red Lodge Dumbbell Roundabouts.</p>	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
227	Transport and Access	To reduce the impact of vehicles associated with staff	<p>A car parking permit system is proposed to be implemented across the two car parking areas. Before commencing work onsite, staff will be allocated to one of the two car parking areas which will be based on their starting location for their travel to the Site. This takes into consideration if staff are starting their journey from a different location to their home. The intention of the car parking permit system is to encourage staff to use the strategic road network in the vicinity of the Sites such as the A11 and A14. This will assist in minimising the number of vehicle trips which could occur on the local roads, in particular through Fordham, Chippenham, Worlington and Red Lodge. Where possible, individual's primary working location will be the same as their parking permit location.</p>	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
228	Transport and Access	To reduce the impact of vehicles associated with staff	<p>A mini-bus service will be used to transport staff around and between Sunnica East Site (A and B) and Sunnica West Site (A and B) making use of internal routes where possible. Where the mini-bus is unable to use internal routes, the local highway network will be used to transport staff to the other compounds. Considering the start/finish time of staff, any mini-bus service trips on the local highway network are expected to occur outside of the peak highway hours of 0800-0900 and 1700-1800.</p>	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
229	Transport and Access	To mitigate the potential for increased traffic flows leading to the site	<p>Pedestrian and cycle access routes to and from the Order limits will be identified and communicated to employees during construction. Appropriate facilities will be provided on the site for the safe storage of cycles.</p>	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO

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230	Transport and Access	To minimise likelihood of severance and intimidation associated with increased construction traffic and abnormal loads	Construction vehicles will be required to use only approved access routes to the Order limits. The HGV routing plan would be distributed to all drivers during their induction.	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
231	Transport and Access	To reduce the impact of HGV deliveries on road congestion	Deliveries to the Order limits will be recorded. The source of the delivery, vehicle weight, registration number, date and time will be stored on the operator's system.	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
232	Transport and Access	To reduce the impact of HGV deliveries on road congestion	Signage will be used at the main junctions to ensure that all HGV traffic relating to the Scheme travel in the appropriate directions.	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
233	Transport and Access	To maintain a safe highway network during construction	In the interests of highway safety, wheel cleaning facilities will be installed on-site from the start of the construction phase. All HGVs leaving the site will be required to wheel wash. The need for this measure would be periodically reviewed throughout the construction phase.	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Framework Construction Environmental Management Plan
234	Transport and Access	To reduce the impact of construction vehicles and staff vehicles on the highways network	A 24 hour contact name and number will be displayed on a notice board at the site entrances, on Applicant's website for members of the public to contact should they have any issues regarding construction traffic.	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
235	Transport and Access	To reduce the impact of construction vehicles and staff vehicles on the highways network	A Delivery Management System (DMS) will be implemented to control bookings of HGV deliveries from the start of the construction period. This will be used to effectively plan all HGV deliveries in accordance with the construction programme, regulate the flow of HGVs via timed delivery slots, and monitor compliance of HGV routing.	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO

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236	Transport and Access	To reduce the impact of construction vehicles and staff vehicles on the highways network	<p>A traffic management and monitoring system will be developed. This will provide details of the technologies and other means employed to monitor HGVs to/from the development site (e.g. GPS, automatic number plate recognition). This will enable Sunnica Limited to monitor the following:</p> <ul style="list-style-type: none"> • compliance with the HGV routes; • compliance with the number of HGV limits in terms of number of deliveries arriving and departing at any one time and over the course of the day; and • compliance with the timing restrictions. 	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
237	Transport and Access	To reduce the impact of construction vehicles and staff vehicles on the highways network	<p>A transport coordinator will be appointed by Sunnica Limited to be responsible for the management, development and implementation of the CTMP. The transport coordinator will:</p> <ul style="list-style-type: none"> • Liaise as appropriate with local transport and traffic groups, local planning authorities, local highway authorities and Highways England; • Monitor the CTMP to identify what is working well and what can be improved; • Promote the CTMP to all staff and contractors travelling to and from the site to ensure compliance with its contents; and <p>Discuss issues which come to light with the relevant parties and discuss any amendments required to ensure that compliance with the CTMP is maintained.</p>	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
238	Transport and Access	To reduce the impact of construction vehicles and staff vehicles on the highways network	The transport coordinator will monitor data relating to the routes utilised and the timing of arrivals and departures. Regular reporting will set out the results of the data monitoring and identify any issues which need to be resolved and what measures would need to be implemented to ensure that any identified issues do not occur again. The reports will be shared with Applicant and the highway authorities.	Embedded	Contractor	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 13C Framework Construction Traffic Management Plan and Travel Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Traffic Management Plan Requirement of the DCO
239	Waste	To avoid and minimise the creation of waste during construction, operation and decommissioning	As part of the embedded mitigation, a Construction Resource Management Plan (CRMP) will be agreed as part of the Construction Environmental Management Plan prior to the commencement of construction phase. As part of the CRMP, the contractor would segregate construction waste to be re-used and recycled where reasonably practicable. This will set out targets for fuel, waste and energy consumption.	Embedded	Applicant	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
240	Waste	To avoid and minimise the creation of waste during construction, operation and decommissioning	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.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
241	Waste	To avoid and minimise the creation of waste during construction, operation and decommissioning	All waste transported off site will be delivered to the appropriately licenced receivers of such materials.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
242	Waste	To minimise impacts of waste on the surrounding environment	Off-site pre-fabrication, where reasonably practicable, including the use of pre-fabricated structural elements, cladding units, mechanical and electrical risers and packaged plant rooms. Pre-fabrication could be utilised for the office/warehouses and control rooms associated with the substations.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
243	Waste	To minimise impacts of waste on the surrounding environment	Burning of waste or unwanted materials would not be permitted on-site.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
244	Waste	To minimise impacts of waste on the surrounding environment	All hazardous materials including chemicals, cleaning agents and solvent containing products to be properly sealed in sealed containers at the end of each day prior to storage in appropriately protected and bunded storage areas.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan
245	Waste	To minimise impacts of waste on the surrounding environment	Materials requiring removal from the construction site will be transported using licensed carriers and records kept, detailing the types and quantities of waste moved and the destinations of this waste, in accordance with the relevant regulations. An audit and careful checks will be undertaken to ensure that all carriers and facilities will be licenced, and that the appropriate permits and transfer notes are in place prior to removal of waste. Further information on these will be included within the CRMP.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
246	Waste	To minimise impacts of waste on the surrounding environment	Prior to construction start, suitable recycling and landfill facilities with sufficient capacity to receive the quantities of construction waste expected will be identified.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16C Framework Construction Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Construction Environmental Management Plan

Table 2 Environmental mitigation measures to be adopted during operation.

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
1	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Regular planned maintenance of the Scheme will be conducted to optimise efficiency.	Embedded	Applicant	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operation Environmental Management Plan
2	Climate Change	To increase the Scheme's resilience to increased ambient temperatures due to climate change	To embed resilience to projected increases in temperature, inverters will have a cooling system installed to control the temperature and continue to operate efficiently in warmer conditions. As the PV modules and transformers have a wide range of acceptable operational temperatures, it has been determined that increasing temperatures will not adversely affect their operation.	Embedded	Applicant	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operation Environmental Management Plan
3	Cultural Heritage	To prevent the visual intrusion of the Scheme on built heritage and historic landscape assets	Appropriate and sensitive screening has been developed and implemented to minimise the visual intrusion of the Scheme, while avoiding obscuring or intruding upon views and relationships between heritage assets. Mitigation planting has taken into consideration the surrounding landscape character and focuses on the enhancement of existing vegetation. Where new planting is proposed, hedge planting has been favoured over tree planting where appropriate. Planting as mitigation to screen views is limited to avoid the creation of new impacts; however, it has been used to enhance existing screening and/ or futureproof against the loss of existing planting as appropriate.	Embedded	Applicant	Chapter 7 Cultural Heritage of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
4	Cultural Heritage	To prevent the visual intrusion of the Scheme on built heritage and historic landscape assets	Additional planting has been incorporated along the Avenue of Chippenham Park to enhance and reinstate the historic tree lined avenue. The purpose of this is to recreate the physical structure of 'an avenue', whilst retaining and reinforcing all other vegetation via positive management, in accordance with ecological requirements.	Embedded	Applicant	Chapter 7 Cultural Heritage of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
5	Cultural Heritage	To prevent the visual intrusion of the Scheme on built heritage and historic landscape assets	Flexibility remains in the Scheme design, allowing options for alterations to construction methodology or placement of panels and infrastructure where significant archaeology is identified and requires preservation in situ, or where significant effects are anticipated on the setting of assets.	Embedded	Applicant	Chapter 7 Cultural Heritage of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
6	Ecology	To enhance the land for rare and scarce arable plants within Sunnica Site.	Across the Scheme, the management of solar arrays, particularly margins, located in areas identified for their arable flora, will be managed for rare and scarce arable plants. This may include annual soil rotation, avoiding planting of field margins and avoiding the use of herbicides around the solar panels.	Embedded	Applicant	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
7	Ecology	To increase biodiversity within the Order limits	Throughout the Scheme, a range of new habitats will be provided including bare ground, grassland, hedgerow, tree and scrub planting to increase the biodiversity of the Site. Grassland will be provided adjacent to and beneath the solar panels to increase the diversity of flora in comparison to existing intensive agriculture and provide new habitat niches to encourage other fauna such as birds and invertebrates. Vegetation would be established through natural regeneration or from seed collection from the grasslands identified within the Sites and through a suitable long-term habitat management regime. Consideration will be paid to microclimatic conditions when considering appropriate species.	Embedded	Applicant	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
8	Ecology	To increase biodiversity within the Order limits	Throughout the Scheme, undeveloped buffers have been included to protect all hedgerows, veteran/ancient trees, ponds and woodland during construction and operation. Other areas will be managed as grassland.	Embedded	Applicant	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
9	Ecology	To protect existing designated sites within the Order limits	Existing designated sites within the Order land are avoided and measures embedded within the Scheme design will ensure that they are not affected.	Embedded	Applicant	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
10	Ecology	To protect existing designated sites within the Order limits	The Scheme has ensured that existing woodland, treelines and the majority of hedgerows are retained and will be protected.	Embedded	Applicant	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
11	Ecology	To increase biodiversity and minimise landscape and visual effects within the Order limits	Extensive additional native grassland, woodland and hedgerow planting throughout the Scheme is embedded within the Scheme design. These will be managed in accordance with the Landscape and Ecology Management Plan.	Embedded	Applicant	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
12	Ecology	To minimise disturbance to wildlife from artificial lighting	Throughout the Scheme, the use of motion detection security lighting to avoid permanent lighting will be utilised and a sensitive lighting scheme will be developed ensuring inward distribution of light and avoiding light spill on to existing boundary features.	Embedded	Applicant	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
13	Ecology	To protect existing wildlife and habitats within the Order limits	An Ecological Clerk of Works will monitor the use of the Stone-curlew offsetting areas annually for five years following start of operation and then bi-annually until year ten of operation. Monitoring will include both the occupancy of the offsetting habitats by Stone-curlew and the condition of these habitats, in the context of providing optimal nesting and foraging habitat. Annual monitoring reports will be submitted for review and consultation with stakeholders, to allow any remedial actions to be identified and agreed.	Embedded	Applicant	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operation Environmental Management Plan
14	Flood Risk, Drainage and Water Resources	To increase the Scheme's resilience to increases in flooding from climate change	The design of drainage systems will ensure that there will be no significant increases in flood risk downstream during storms up to and including the 1 in 100 (1%) annual probability design flood, with an allowance of 40% for climate change.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 9C Flood Risk Assessment of the Environmental Statement [EN010106/APP/6.2]	Requirement in the DCO

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
15	Flood Risk, Drainage and Water Resources	To increase the Scheme's resilience to increases in flooding from climate change	SuDS features will be utilised to ensure the surface water drainage strategy adequately attenuates and treats runoff from the Scheme, whilst minimising flood risk to the Scheme and surrounding areas.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 9C Flood Risk Assessment of the Environmental Statement [EN010106/APP/6.2]	Requirement in the DCO
16	Flood Risk, Drainage and Water Resources	To increase the Scheme's resilience to increases in flooding from climate change	PV sites and grid connection routes are being designed to ensure no floodplain storage is lost. There are some PV cells within areas of Flood Zone 3a and 2, but these are raised up and will not reduce floodplain storage.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 9C Flood Risk Assessment of the Environmental Statement [EN010106/APP/6.2]	Requirement in the DCO
17	Flood Risk, Drainage and Water Resources	To increase the Scheme's resilience to increases in flooding	Individual solar PV panels will be held above the ground surface on struts. This will avoid sealing the ground with impermeable surfaces. As a result, the Sites' impermeable area will remain consistent with its pre-development state. However, runoff from the solar PV panels will alter the existing routing of runoff. To prevent ponding occurring round the panels, a series of boundary (and some routing) swales will be constructed to convey surface water runoff to detention basins.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 9C Flood Risk Assessment of the Environmental Statement [EN010106/APP/6.2]	Requirement in the DCO
18	Flood Risk, Drainage and Water Resources	To increase the Scheme's resilience to increases in flooding	Flood resistance and resilience measures would be included within the design of the Burwell Substation Extension, for whichever of the two potential sites is chosen. National Grid has its own design guidelines which include flood resistance and resilience measures which would be complied with.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 9C Flood Risk Assessment of the Environmental Statement [EN010106/APP/6.2]	Requirement in the DCO
19	Flood Risk, Drainage and Water Resources	To minimise run off and flood risk from the Scheme and to encourage natural infiltration	Attenuation in the form of detention basins and swales has been incorporated to control any increase in the rate of flow towards the receiving watercourses. The rate of runoff from each development location within the whole Scheme would ensure nil detriment in terms of no increase in runoff rate from the Scheme to the receiving watercourses.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 9C Flood Risk Assessment of the Environmental Statement [EN010106/APP/6.2]	Requirement in the DCO

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
20	Flood Risk, Drainage and Water Resources	To minimise the likelihood of pollution during operation from damaged equipment	The OEMP for the Scheme will include a regular schedule for visual inspection of the panels. This would ensure that the structural integrity of the panels will be regularly observed. In this way, any panels which required maintenance / replacement would be removed before there was any leakage of chemicals from the sealed units.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operational Environmental Management Plan
21	Flood Risk, Drainage and Water Resources	To minimise the likelihood of pollution during operation from damaged equipment	All hazardous materials including chemicals, cleaning agents and solvent containing products to be properly sealed in sealed containers at the end of each day prior to storage in appropriately protected and bunded storage areas.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operational Environmental Management Plan
22	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Battery sites and solar PV panels are to be located away from watercourses, with surface water drainage controlled by swales and small infiltration basins.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 9C Flood Risk Assessment of the Environmental Statement [EN010106/APP/6.2]	Requirement in the DCO
23	Flood Risk, Drainage and Water Resources	To manage construction site runoff	In the case of the battery sites, each is enclosed with an isolated drainage system and internal fire suppression system.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 9C Flood Risk Assessment of the Environmental Statement [EN010106/APP/6.2]	Requirement in the DCO
24	Flood Risk, Drainage and Water Resources	To minimise the likelihood of pollution during operation from damaged equipment	Solar PV modules will be constructed and installed to accepted industry standards and appropriately maintained to mitigate the risk of escape of liquid substances into the water environment.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operational Environmental Management Plan
25	Flood Risk, Drainage and Water Resources	To minimise the likelihood of pollution during operation from damaged equipment	Any areas of the site containing oils, such as transformers, are to be bunded or have self-contained drainage systems. This would ensure that any leaks are contained and do not enter the surface water drainage system.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operational Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
26	Flood Risk, Drainage and Water Resources	To manage construction site runoff	There is also a pollution risk from emergency situations. Although unlikely, should a fire occur at one of the BESS compounds, water will be stored on site for use to contain the fire (rather than douse it). To prevent this fire-fighting water from potentially contaminating the SuDS based surface water drainage system, and from potentially being discharged from the site to a local watercourse, a dedicated storage basin for fire water has been included within the design. The capacity of the storage basin (400m ²) will be greater than the volume of stored water (228m ²) for fire-fighting activities, and if necessary, the basin can be lined to prevent the infiltration of any chemical pollutants if it is used. The fire-fighting water can then be safely stored until the emergency event is over before being pumped out to a tanker for off-site disposal at a licenced wastewater facility.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 9C Flood Risk Assessment of the Environmental Statement [EN010106/APP/6.2]	Requirement in the DCO
27	Flood Risk, Drainage and Water Resources	To minimise run off and flood risk from the Scheme	Staff on site will undertake regular weather checks to forecast any heavy rain events and to prepare for flooding where necessary.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operational Environmental Management Plan
28	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Attenuation in the form of detention basins and swales has been incorporated to control any increase in the rate of flow towards the receiving watercourses. The rate of runoff from each development location within the Sites would ensure nil detriment in terms of no increase in runoff rate from the Sites to the receiving watercourses.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Appendix 9C Flood Risk Assessment of the Environmental Statement [EN010106/APP/6.2]	Requirement in the DCO
29	Flood Risk, Drainage and Water Resources	Disposal of foul water	The alternative where this would not be possible, would be for a self-contained foul drainage system to a septic tank or similar. These tanks would be regularly emptied under contract with a registered recycling and waste management contractor.	Embedded	Applicant	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operational Environmental Management Plan
30	Glint and Glare	To prevent glint and glare from the infrastructure on receptors	The existing vegetation and landscape planting proposed embedded in the Scheme design as part of the landscape and visual mitigation will screen the majority of glint and glare receptors.	Embedded	Applicant	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
31	Glint and Glare	To prevent glint and glare from the infrastructure on road users of the A14 at Sunnica West A	Mitigation will be provided for the road users travelling in a south-westerly direction in the form of a temporary solid hoarding that will be a maximum of 2m in height. The hoarding would be located on a short section, approximately 300m, along the Sunnica West Site A boundary with a high percentage of evergreen (native and non-native) species, planted adjacent to the temporary hoarding in line with the indicative planting strategy shown on Figure 3-2. The temporary hoarding will be removed once the density of vegetation is sufficient to screen the views.	Additional	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan
32	Landscape and Visual	To prevent the visual intrusion of the Scheme on the surrounding landscape	Appropriate setbacks have been incorporated into the scheme design, limiting visibility from key routes through the landscape.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
33	Landscape and Visual	To prevent the visual intrusion of the Scheme on the surrounding landscape	Buffer areas have been included around settlements to ensure that settlements remain isolated within the landscape.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
34	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: siting the primary construction compound, BESS and substation in E33 adjacent to reservoirs and Lee Farm, so that their massing and land uses are perceived in the context of existing infrastructure features and built structures in the landscape. The tonal rendering of shades to integrate the structures within the landscape will help to reduce their perceived overall mass, which would be secured through design principles.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
35	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: siting the BESS and substation in E18 so that it is enclosed and screened by existing woodland along its northern edges and in part by roadside vegetation adjacent to Elms Road to its south-east. The tonal rendering of shades which are suitable to integrate within the landscape will help reduce the perceived overall mass of these structures. Additionally, these land uses and proposed structures are consolidated in proximity to Worlington Quarry and Bay Farm solar farm, so that the cumulative impact of these land uses are localised within the landscape.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
36	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: siting the solar arrays away from Freckenham, Isleham and Worlington to avoid the Scheme resulting in the physical coalescence of settlements, and retaining the open character to the west of Beck Road, between Isleham and Freckenham Road via Eco 1 and Eco 2.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
37	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: conserving the field boundaries and the vegetation patterns, including the pine lines, overall by offsetting the solar panels from the field edges. This also retains views across the landscape to valued features including the pine lines in long distance views and vegetation adjacent to the Lee Brook, as well as responding positively to the Freckenham Neighbourhood Plan Landscape Character Assessment guidance “by using and extending the existing woodland structure to help assimilate and provide screening, arrays contained in land parcels surrounded by belts of woodland would, over time, become well assimilated”.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
38	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: implementing new woodland and hedgerows, as set out in the OLEMP to aid in visually screening the Scheme and improving the landscape structure, as well as new native grassland mixes beneath the solar panels to improve the range of fauna and increase the biodiversity across the Site in comparison to intensive agriculture, including pig farming.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
39	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: a new permissive route between Freckenham and Isleham and to the south of Worlington, along U6006 to link with existing routes to Red Lodge, to enable increased public access across the landscape and respond positively to published Green Infrastructure strategies.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
40	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcel E01 – the solar panels are offset from the Fen woodland to the north and by 8m from the Lee Brook to the west. The proximity to the woodland aids in screening views from the wider landscape to the north.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
41	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcel E02 – new woodland planting along the eastern edge of the parcel, to reinforce the vegetation structure adjacent to Ferry Lane and screen the panels in longer distance views from the east.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
42	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcel E03 – new woodland to the north and south of the parcel, to screen views from the wider landscape to the north and from Lee Farm. The linear form of the woodland reflects the linear form of pine lines within the wider landscape and provides vegetation linkages east to west across this part of the scheme, between the Lee Brook and vegetation bordering Ferry Lane.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
43	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcel E04 – as per E03, additional woodland along the northern edge and the eastern edge, adjacent to Ferry Lane, so as to screen the panels and improve the vegetation cover.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
44	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcel E05 - the solar panels have been sited back from Beck Road via a landscape buffer of native grassland, to reduce the proximity of the panels to road users, retain views along the road corridor of the churches in Isleham and Freckenham and to retain a perception of travelling through the landscape that separates the settlements.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
45	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcel Eco 1 – the proposals are for an area of native chalk grassland implemented via non-invasive methods, as a positive response to the below ground archaeology. In combination with Eco 2, this will retain the open character of land between Isleham and Freckenham, to the west of Beck Road.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
46	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcel Eco 2 – the proposals are for an area of native chalk grassland implemented via non-invasive methods, as a positive response to the below ground archaeology. In combination with Eco 1, this will retain the open character of land between Isleham and Freckenham, to the west of Beck Road.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
47	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcels E12 to E17 – solar panels have been located within the smaller field parcels and offset from the intervening pine lines, so as to retain the field pattern and vegetation cover. The panels have also been offset from U6006, which is retained as a recreational route through this part of the Scheme.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
48	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcels E19 to E22 – the solar panels in this part of the Site have also been located within the smaller field parcels, to reflect the landscape pattern and retain the intervening pine lines. New woodland is proposed around the perimeter of the parcels to reduce the visibility from residents adjacent to Bridge End Road and local PRoW, as well as screen the structures and reduce the perception of the Scheme from Badlingham.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
49	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcels E24 and E25 – new woodland planting is proposed to the north, east and south of these parcels to screen the structures and reduce the perception of the scheme when travelling along Worlington Road.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
50	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcels E26 to E29 – the solar panels have been located within the small-scale fields and are offset from the boundary vegetation. This is to retain the landscape pattern and screen the panels from wider views.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
51	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica East Sites A and B: Parcels E30 to E32 – the woodland in the south-east part of the Site and around the field parcels has been retained for visual screening and retaining the vegetation cover. Additional hedgerow and woodland planting are proposed adjacent to Golf Links Road to screen views for motorists and from views from the wider landscape to the north, as well as reduce the perception of the Scheme in relation to Worlington.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
52	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica West A and B: siting the primary construction compound and the BESS and substation within W17, so that it is in part adjacent to existing barns and bordered by the mature woodland of Sounds Plantation which aids in screening the structures from the west and in views from the east, their suitable rendering in the context of the woodland, to aid in reducing the perceived overall massing of the structures.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
53	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica West A and B: Conserving the field boundaries and the vegetation patterns by locating the solar panels within the fields and offsetting them from the existing hedgerows and trees. This also retains views across the landscape to valued features including Avenue and plantations.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
54	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica West A and B: Implementing new woodland and hedgerows to aid in visually screening the Scheme and reflect the vegetation patterns, as well as new grassland mixes beneath the solar panels to improve the range of fauna and increase the biodiversity across the Site in comparison to intensive agriculture.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
55	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica West A and B: Parcels W01 and W02 – siting the solar arrays within a small part of W01 and W02, away from Chippenham Fen, the River Snail and Snailwell Road so as to reduce the visibility of the Scheme from motorists and conserve the landscape features of woodland and the river. New native wetland grassland is proposed across these parcels as a positive response to the adjacent RAMSAR site and in response to below ground archaeology.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
56	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica West A and B: Parcel W03 – siting the solar panels between woodland blocks and Foxburrow Plantation and reinforcing the vegetation patterns with new woodland planting to aid in screening this part of the Scheme from the wider landscape and retaining a physical separation from Chippenham Road and Snailwell.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
57	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica West A and B: Parcel W04 – new native chalk grassland across part of the parcel, in response to below ground archaeology. The solar panels have also been sited away from The Avenue so that new woodland can be implemented.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
58	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica West A and B: Parcel W05 – siting the solar panels away from The Avenue so that new woodland can be implemented along the southern edges of the parcel, which would include a higher percentage of evergreen species and a temporary fence to screen views from motorists on the A14.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
59	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica West A and B: Parcels W06 and W07 – new woodland planting to the west of the parcels, to reduce their visibility in longer distance views from The Limekilns, as well as provide new vegetation links across the landscape. The existing woodland between these parcels has also been retained, with panels and associated infrastructure offset from the woodland.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
60	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica West A and B: Parcels W08 and W09 – limiting the extent of the solar panels across these fields, so as to respond positively to below ground archaeology. New native grassland would extend across the archaeological areas, to create a continuous sward of grassland with that which will be present under the panels.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
61	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Sunnica West A and B: Parcels W10, W11 and W12 – the extent of the solar panels has been located to ensure a physical separation from the boundary wall of Chippenham Park and Chippenham Hall. New hedgerow and woodland are proposed along the northern edge of these parcels to provide visual screening from La Hogue Road. New woodland is also proposed along the northern edge of W10, to provide visual screening from the same road and reinforce the existing vegetation patterns.	Embedded	Applicant	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 10I Outline Landscape and Ecology Management Plan of the Environmental Statement [EN010106/APP/6.2] Works Plans [EN010106/APP/2.2]	Outline Landscape and Ecological Management Plan Works Plans
62	Major Accidents and Disasters	To minimise the risk of battery fire	An Outline Battery Fire Safety Management Plan [EN010106/APP/7.6] has been submitted with the DCO Application. This explores the risks associated with fires from BESS equipment and minimises the impact of an incident during construction, operation and decommissioning of the facility.	Embedded	Applicant	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Outline Battery Fire Safety Management Plan [EN010106/APP/7.6]	Outline Battery Fire Safety Management Plan
63	Major Accidents and Disasters	To minimise risks to health and safety	All works will be undertaken in accordance with relevant Health and Safety legislation and guidance. Details of fire, police, emergency services and hospitals will be publicised and included in the site induction.	Embedded	Applicant	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operation Environmental Management Plan
64	Noise and Vibration	To minimise noise and vibration from operational equipment	The OEMP will set out how the scheme design and operational plant levels have been developed to mitigate and reduce effects to a minimum. This will include consideration of sound output levels, the noise from inverters and cooling fans during lower modes of operation, positioning of plant and, if necessary and practicable, implementation of acoustic barriers.	Embedded	Applicant	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operation Environmental Management Plan
65	Noise and Vibration	To minimise noise and vibration from operational equipment	As the plant design is progressed, the specification of plant machinery with low noise emission and properly attenuated supply and extract terminations will help to minimise noise emissions. The use of enclosures, local screening, mufflers, and silencers will also be used as appropriate. Should the noise exhibit any such acoustic features then the relevant penalty/ correction should be applied in accordance with BS 4142. Plant such as the substation and batteries will be designed to have minimal tonal, impulsive or intermittent features.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operation Environmental Management Plan
66	Noise and Vibration	To minimise noise and vibration from operational equipment	Site staff will carry out regular monitoring and maintenance of equipment. This will include identifying any changes in sound pitches or volume early and carrying out the relevant maintenance. Further details are to be confirmed in the detailed OEMP(s).	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operation Environmental Management Plan
67	Transport and Access	To improve the connectivity of the public rights of way in and around the Scheme Site	During the operation phase, new permissive routes that will be provided in the surrounding area.	Additional	Applicant	Chapter 13 Transport and Access of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2] Access and Right of Way Plans [EN010106/APP/2.3]	Access and Right of Way Plans

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
68	Waste	To minimise impacts of waste on the surrounding environment	Materials requiring removal from the Order limits would be transported using licensed carriers and records kept, detailing the types and quantities of waste moved and the destinations of this waste, in accordance with the relevant regulations.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16F Framework Operation Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Operation Environmental Management Plan

Table 3 Environmental mitigation measures to be adopted during decommissioning.

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
1	Air Quality	To minimise the effects from dust emissions during construction	Minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
2	Air Quality	To minimise the effects from dust emissions during construction	Develop and implement a stakeholder communications plan that includes community engagement before work commences on-site.	Embedded	Sunnica Ltd	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
3	Air Quality	To minimise the effects from dust emissions during construction	Display the name and contact details of person(s) accountable for air quality and dust issues on site. This may be the environment manager/engineer or the site manager. The head or regional office contact information will also be displayed.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
4	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
5	Air Quality	To minimise the effects from dust emissions during construction	Develop and implement a Dust Management Plan (DMP), which may include measures to control other emissions, approved by the Local Authority. The level of detail will depend on the risk and should include as a minimum the highly recommended measures in this document. The desirable measures should be included as appropriate for the site. The DMP may include monitoring of dust deposition, dust flux, real-time PM ₁₀ continuous monitoring and/or visual inspections.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
6	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
7	Air Quality	To minimise the effects from dust emissions during construction	Make the complaints log available to the local authority when asked.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
8	Air Quality	To minimise the effects from dust emissions during construction	Record any exceptional incidents that cause dust and/or air emissions, either on- or offsite, and the action taken to resolve the situation in the logbook.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
9	Air Quality	To minimise the effects from dust emissions during construction	Hold regular liaison meetings with other high-risk construction sites within 500m of the Order limits (if applicable), 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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
10	Air Quality	To minimise the effects from dust emissions during construction	Undertake daily inspection, where receptors (including roads) are nearby, to monitor dust, record inspection results, and make the log available to the local authority when asked. This should include regular dust soiling checks of surfaces within publicly available land within 100m of Order limits, with cleaning to be provided if necessary.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
11	Air Quality	To minimise the effects from dust emissions during construction	Carry out regular site inspections to monitor compliance with the DMP, record inspection results, and make an inspection log available to the local authority when asked.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
12	Air Quality	To minimise the effects from dust emissions during construction	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 carried out and during prolonged dry or windy conditions.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
13	Air Quality	To minimise the effects from dust emissions during construction	Agree dust deposition, dust flux, or real-time PM10 continuous monitoring locations with the Local Authority. The dust risk assessment (completed as part of the ES) will confirm whether monitoring will be required. Where required, commence baseline monitoring at least three months before work commences on-site or, if it a large site, before work on a phase commences. Further guidance is provided by IAQM on monitoring during demolition, earthworks and construction.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
14	Air Quality	To minimise the effects from dust emissions during construction	Plan site layout so that machinery and dust causing activities are located away from receptors, as far as is possible.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
15	Air Quality	To minimise the effects from dust emissions during construction	Erect solid screens or barriers around dusty activities that are at least as high as any stockpiles on-site where stockpiles are within 100m of receptors.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
16	Air Quality	To minimise the effects from dust emissions during construction	Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period where operations are within 100m of receptors.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
17	Air Quality	To minimise the effects from dust emissions during construction	Avoid site runoff of water and mud to prevent accumulation of muddy water from drying out in and around the site and resulting in increased presence of dust in the area during dry weather.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
18	Air Quality	To minimise the effects from dust emissions during construction	Keep site fencing, barriers and scaffolding clean using wet methods.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
19	Air Quality	To minimise the effects from dust emissions during construction	Remove materials that have a potential to produce dust from the Order limits as soon as possible, unless being re-used on-site. If they are being re-used on-site cover as described below.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
20	Air Quality	To minimise the effects from dust emissions during construction	Cover, seed or fence stockpiles to prevent wind whipping.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
21	Air Quality	To minimise the effects from dust emissions during construction	Ensure all vehicles switch off engines when stationary - no idling vehicles.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
22	Air Quality	To minimise the effects from dust emissions during construction	Avoid the use of diesel- or petrol-powered generators and use mains electricity or battery powered equipment where practicable.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
23	Air Quality	To minimise the effects from dust emissions during construction	Impose and signpost a maximum-speed-limit of 15 mph on surfaced and 10 mph 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 authority, where appropriate).	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
24	Air Quality	To minimise the effects from dust emissions during construction	Produce a Decommissioning Logistics Plan to manage the sustainable delivery of goods and materials.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
25	Air Quality	To minimise the effects from emissions during construction	Implement a Travel Plan that supports and encourages sustainable travel (public transport, cycling, walking, and car-sharing).	Embedded	Sunnica Ltd	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
26	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
27	Air Quality	To minimise the effects from dust emissions during construction	Ensure an adequate water supply on the site for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
28	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
29	Air Quality	To minimise the effects from dust emissions during construction	No bonfires and burning of waste materials will be carried out.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
30	Air Quality	To minimise the effects from dust emissions during construction	Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
31	Air Quality	To minimise the effects from dust emissions during construction	Use Hessian, mulches or tackifiers where it is not possible to re-vegetate or cover with topsoil, as soon as practicable.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
32	Air Quality	To minimise the effects from dust emissions during construction	Only remove the cover in small areas during work and not all at once.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
33	Air Quality	To minimise the effects from dust emissions during construction	Avoid scabbling (roughening of concrete surfaces) if possible.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
34	Air Quality	To minimise the effects from dust emissions during construction	Ensure sand and other aggregates are stored in banded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
35	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
36	Air Quality	To minimise the effects from dust emissions during construction	For smaller supplies of fine powder materials ensure bags are sealed after use and stored appropriately to prevent dust.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
37	Air Quality	To minimise the effects from dust emissions during construction	Use water-assisted dust sweeper(s) on the access and local roads, to remove, as necessary, any material tracked out of the site. This may require the sweeper being continuously in use.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
38	Air Quality	To minimise the effects from dust emissions during construction	Avoid dry sweeping of large areas.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
39	Air Quality	To minimise the effects from dust emissions during construction	Ensure vehicles entering and leaving sites are covered to prevent escape of materials during transport.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
40	Air Quality	To minimise the effects from dust emissions during construction	Inspect on-site haul routes for integrity and instigate necessary repairs to the surface as soon as reasonably practicable.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
41	Air Quality	To minimise the effects from dust emissions during construction	Record all inspections of haul routes and any subsequent action in a site logbook.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan

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42	Air Quality	To minimise the effects from dust emissions during construction	Install hard surfaced haul routes, which are regularly damped down with fixed or mobile sprinkler systems, or mobile water bowsers and regularly cleaned.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
43	Air Quality	To minimise the effects from dust emissions during construction	Implement a wheel washing system (with rumble grids to dislodge accumulated dust and mud prior to leaving the site where reasonably practicable).	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
44	Air Quality	To minimise the effects from dust emissions during construction	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.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
45	Air Quality	To minimise the effects from dust emissions during construction	Access gates to be located at least 10m from receptors where possible.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
46	Air Quality	To minimise the effects from emissions during construction	Ensure all non-road mobile machinery are regularly maintained and checked to minimise emissions.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
47	Air Quality	To minimise the effects from dust emissions during construction	Implement wetting of dust generating activities, which are usually incorporated into a Dust Management Plan (where necessary) produced by the contractor.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
48	Air Quality	To minimise the effects from dust emissions during construction	Undertake daily on-site and off-site inspection, where receptors (including roads) are nearby, to monitor dust and record inspection results, on publicly accessible land.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
49	Air Quality	To minimise the effects from dust emissions during construction	Increase the frequency of inspections when activities with a high potential to produce dust are being carried out and during prolonged dry or windy conditions.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
50	Air Quality	To minimise the effects from dust emissions during construction	Locate dust causing activities away from receptors, as far as is possible.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
51	Air Quality	To minimise the effects from dust emissions during construction	Use intelligent screening where possible – e.g. locating site offices between potentially dusty activities and the receptors.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
52	Air Quality	To minimise the effects from dust emissions during construction	Erect solid screens or barriers around the site boundary if necessary.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan

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53	Air Quality	To minimise the effects from dust emissions during construction	Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period where operations are within 100m of receptors.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
54	Air Quality	To minimise the effects from dust emissions during construction	Remove materials that have a potential to produce dust from site as soon as possible, unless being re-used on site.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
55	Air Quality	To minimise the effects from dust emissions during construction	Depending on the duration that stockpiles will be present and their size, cover, seed, fence or water to prevent wind whipping.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
56	Air Quality	To minimise the effects from dust emissions during construction	Sheet vehicles carrying dusty substrates.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
57	Air Quality	To minimise the effects from dust emissions during construction	Impose and signpost a maximum-speed-limit of 15 mph on surfaced and 10 mph on un-surfaced haul roads and work areas.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
58	Air Quality	To minimise the effects from dust emissions during construction	Use enclosed chutes, conveyors and covered skips, where practicable.	Embedded	Contractor	Chapter 14 Air Quality of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan	Framework Decommissioning Environmental Management Plan
59	Climate Change	To minimise the use of natural resources and unnecessary materials	Increasing recyclability by segregating decommissioning waste to be re used and recycled where reasonably practicable.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
60	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Adopting the Considerate Constructors Scheme (CCS) to assist in reducing pollution, including GHGs, from the Scheme by employing best practice measures which go beyond statutory compliance.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
61	Climate Change	To minimise the use of natural resources and unnecessary materials	Reusing suitable infrastructure and resources already available in the Order limits where possible to minimise the use of natural resources and unnecessary materials (e.g. reusing excavated soil for fill requirements).	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
62	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Liaising with decommissioning personnel for potential to implement low carbon transport options.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
63	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Implementing a Travel Plan to reduce the volume of decommissioning staff and employee trips to the Scheme.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
64	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Switching vehicles and plant off when not in use and ensuring construction vehicles conform to emission standards in place at the time.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
65	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Regular planned maintenance of decommissioning plant will be conducted to optimise efficiency.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
66	Climate Change	To minimise the greenhouse gas emissions from the Scheme	Disposing of wastes locally where reasonably practicable to reduce emissions associated with transportation.	Embedded	Contractor	Chapter 6 Climate Change of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
67	Ecology	To protect existing wildlife and habitats within the Order limits	A licensed Ecological Clerk of Works (ECoW) will be employed/contracted to advise on relevant environmental commitments, the findings of the updated surveys, protected species licencing requirements and with reference to the relevant project programmes.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
68	Ecology	To protect existing wildlife and habitats within the Order limits	Prior to the start of decommissioning in each relevant part of the Order limits, site walkover surveys will be undertaken by an ecologist to confirm the baseline and presence of protected/notable species. This will inform the correct implementation of impact avoidance measures (e.g. protected species stand-offs). The scope of the required walkovers will be defined on a case by case basis, in consultation with the project team, ECDC and WSC or other relevant statutory consultees as necessary, based on the specific risks.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
69	Ecology	To protect existing wildlife and habitats within the Order limits	Relevant site staff will receive toolbox talks on the ecological risks present, legal requirements and working arrangements necessary to comply with legislation. Toolbox talks will be repeated as necessary over the duration of the relevant works.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

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70	Ecology	To protect existing wildlife and habitats within the Order limits	A display board will be installed on-site and a website will be set up. These will include contact details for the Site Manager or alternative public interface with whom nuisance or complaints can be lodged. A logbook of complaints will be prepared and managed by the Site Manager.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
71	Ecology	To protect existing wildlife and habitats within the Order limits	Reasonable avoidance measures to avoid impact on badgers and bats will be employed, including buffers of 30m around any identified badger setts and 15m buffer around trees with bat roost potential	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
72	Ecology	To protect existing wildlife and habitats within the Order limits	Decommissioning activities will avoid areas of high-quality habitat, such as mature trees and woodland/wetland habitats associated with Local Wildlife Sites (LWS) surrounding the Order limits.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
73	Ecology	To protect existing wildlife and habitats within the Order limits	Pre-commencement surveys for habitats and protected/notable species will be undertaken in advance of the works commencing.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
74	Ecology	To protect existing wildlife and habitats within the Order limits	Retained trees adjacent to decommissioning working areas will be protected by clearly defined root protection zones to prevent damage/compaction of roots by plant and other machinery.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
75	Ecology	To protect existing wildlife and habitats within the Order limits	Where reasonably practicable, vegetation clearance works will be undertaken outside the bird breeding season, which is generally between March and August inclusive. Where this is not reasonably practicable, an ecologist will inspect all areas of vegetation prior to clearance, and clearance will only be undertaken subject to the instruction and requirements of the ecologist to protect any birds and their nests.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
76	Ecology	To protect existing wildlife and habitats within the Order limits	Reasonable avoidance measures will be used during clearance of any habitat suitable for reptiles, to minimise the risk of direct impacts including phased clearance of vegetation to gradually reduce suitability for reptiles, thereby encouraging animals to move away from affected areas into adjacent suitable habitat.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
77	Ecology	To protect existing wildlife and habitats within the Order limits	Cleared ground will be maintained in a disturbed state in the run-up to decommissioning commencing to minimise the risk of ground nesting birds attempting to nest on cleared ground.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

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78	Ecology	To protect existing wildlife and habitats within the Order limits	Precautionary measures will be implemented to prevent trapping wildlife in excavations in order to ensure compliance with animal welfare legislation. All excavations deeper than 1m will be covered or fenced overnight, or where this is not practicable, a means of escape will be fitted (e.g. battened soil slope or scaffold plank) to provide an escape route should any animals stray into the site and fall into an excavation.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
79	Ecology	To protect existing wildlife and habitats within the Order limits	No works will be undertaken within 10m of watercourses.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
80	Ecology	To protect existing wildlife and habitats within the Order limits	A Biosecurity Management Plan will be prepared. This will set out procedures to ensure any imported materials are free from invasive non-native species (e.g. Schedule 9 species), and to prevent any spread of invasive non-native species within the Order limits from the decommissioning works.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
81	Ecology	To protect existing wildlife and habitats within the Order limits	Implementation of measures to avoid animals being injured or killed within decommissioning working areas, through excluding them from such areas and preventing them falling into and becoming trapped in excavations.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
82	Ecology	To protect existing wildlife and habitats within the Order limits	The crossing of watercourses, will be avoided, where the presence of Otter and Water Vole have been determined through the pre-commencement surveys for decommissioning.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
83	Ecology	To protect existing wildlife and habitats within the Order limits	Avoidance of decommissioning traffic through designated sites.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
84	Ecology	To protect existing wildlife and habitats within the Order limits	Where invasive non-native species have been identified, e.g. Lee Brook, no in-channel works will be undertaken to avoid the spread of invasive non-native species.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

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85	Ecology	To protect existing wildlife and habitats within the Order limits	Controls on lighting/illumination to minimise visual intrusion and potential adverse effects on sensitive ecology, such as bats, will be considered as far as reasonably practicable. Details of bat flight lines and suitable habitat is provided within Chapter 8: Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1]; these areas will be identified prior to decommissioning of the Scheme and will need to be confirmed during pre-commencement surveys prior to decommissioning. Controls on lighting and illumination will be implemented in these specific locations. Temporary decommissioning site lighting will be designed as far as reasonably practicable so as to minimise artificial light spill from the Site.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
86	Ecology	To protect existing wildlife and habitats within the Order limits	Habitats to be temporarily lost or damaged during decommissioning will be fully reinstated on a like-for-like basis at the same location on completion of the works, where practical.	Embedded	Contractor	Chapter 8 Ecology and Nature Conservation of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
87	Flood Risk, Drainage and Water Resources	To increase the Scheme's resilience to increases in flooding from climate change	Storing topsoil and other construction materials outside of the 1 in 100 year floodplain extent (Flood Zone 3), as far as reasonably practicable.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
88	Flood Risk, Drainage and Water Resources	To increase the Scheme's resilience to increases in flooding from climate change	Appointing at least one designated Weather Warden who is familiar with the risks and remains vigilant to news reports, Environment Agency flood warnings and water levels of the local waterways.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
89	Flood Risk, Drainage and Water Resources	To protect workers during construction from extreme weather	Health and safety plans developed for decommissioning activities will be required to account for potential climate change impacts on workers, such as flooding and heatwaves.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
90	Flood Risk, Drainage and Water Resources	To manage construction site runoff	All reasonably practicable measures will be taken to prevent the deposition of fine sediment or other material in, and the pollution by sediment of, any existing watercourse, arising from construction activities. The measures will accord with the principles set out in industry guidelines including the CIRIA report 'C532: Control of water pollution from construction sites' and CIRIA report C648 Control of water pollution from linear construction sites'. Measures may include use and maintenance of temporary lagoons, tanks, bunds and fabric silt fences or silt screens as well as consideration of the type of plant used.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
91	Flood Risk, Drainage and Water Resources	To manage construction site runoff	A temporary drainage system will be developed to prevent runoff contaminated with fine particulates from entering surface water drains without treatment. This will include identifying all land drains and waterbodies on the Order limits and ensuring that they are adequately protected using drain covers, sandbags, earth bunds, geotextile silt fences, straw bales, or proprietary treatment (e.g. lamella clarifiers).	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
92	Flood Risk, Drainage and Water Resources	To manage construction site runoff	The relevant sections of BS 6031: Code of Practice for Earthworks will be followed for the general control of site drainage.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
93	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Where practical, earth works will be undertaken during the drier months of the year. When undertaking earth moving works periods of very wet weather will be avoided, where practical, to minimise the risk of generating runoff contaminated with fine particulates. However, it is likely that some working during wet weather periods will be unavoidable, in which case other mitigation measures (see below) will be implemented to control fine sediment laden runoff. Water may also be required to dampen earthworks during dry weather to reduce dust impacts, and any runoff generated will need to be appropriately managed by the Contractor in accordance with the pollution prevention principles described in this chapter.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
94	Flood Risk, Drainage and Water Resources	To manage construction site runoff	To protect watercourses from fine sediment runoff, topsoil/subsoil will be stored a minimum of 20m from watercourses on flat lying land. Where this would not be practicable, and it is to be stockpiled for longer than a two-week period, the material will either be covered with geotextile mats, seeded to promote vegetation growth, or runoff prevented from draining to a watercourse without prior treatment.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
95	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Equipment and plant are to be washed out and cleaned in designated areas within the sitesite compound where runoff can be isolated for treatment before disposal as outlined above.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
96	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Mud deposits will be controlled at entry and exit points to the site using wheel washing facilities and / or road sweepers operating during earthworks activities or other times as required.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

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97	Flood Risk, Drainage and Water Resources	To manage construction site runoff	Debris and other material will be prevented from entering surface water drainage, through maintenance of a clean and tidy site, provision of clearly labelled waste receptacles, grid covers and the presence of site security fencing.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
98	Flood Risk, Drainage and Water Resources	To manage construction site runoff	The Water Management Plan (WMP) will include details of pre, during and post-construction water quality monitoring. This will be based on a combination of visual observations and reviews of the Environment Agency's automatic water quality monitoring network.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
99	Flood Risk, Drainage and Water Resources	To manage spillage risk	Fuel would be stored and used in accordance with the Control of Substances Hazardous to Health Regulations 2002, and the Control of Pollution (Oil Storage) (England) Regulations 2001. Particular care will be taken with the delivery and use of concrete and cement as it is highly corrosive and alkaline.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
100	Flood Risk, Drainage and Water Resources	To manage spillage risk	Fuel and other potentially polluting chemicals would either be in self bunded leak proof containers or stored in a secure impermeable and bunded area (minimum capacity of 110% of the capacity of the containers).	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
101	Flood Risk, Drainage and Water Resources	To manage spillage risk	Any plant, machinery or vehicles would be regularly inspected and maintained to ensure they are in good working order and clean for use in a sensitive environment. This maintenance is to take place off site if possible or only at designated areas within the site compound. Only construction equipment and vehicles free of all oil/fuel leaks will be permitted on site. Drip trays will be placed below static mechanical plant.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
102	Flood Risk, Drainage and Water Resources	To manage spillage risk	All washing down of vehicles and equipment would take place in designated areas and wash water will be prevented from passing untreated into watercourses.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
103	Flood Risk, Drainage and Water Resources	To manage spillage risk	All refuelling, oiling and greasing will take place above drip trays or on an impermeable surface which provides protection to underground strata and watercourses, and away from drains as far as reasonably practicable. Vehicles will not be left unattended during refuelling.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
104	Flood Risk, Drainage and Water Resources	To manage spillage risk	As far as reasonably practicable, only biodegradable hydraulic oils would be used in equipment working in or over watercourses.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

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105	Flood Risk, Drainage and Water Resources	To manage spillage risk	All fixed plant used on the Site would be self-bunded.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
106	Flood Risk, Drainage and Water Resources	To manage spillage risk	Mobile plant is to be in good working order, kept clean and fitted with plant 'nappies' at all times.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
107	Flood Risk, Drainage and Water Resources	To manage spillage risk	The Water Management Plan (WMP) would include details for pollution prevention and will be prepared and included alongside the CEMP. Spill kits and oil absorbent material will be carried by mobile plant and located at high risk locations across the site and regularly topped up. All construction workers will receive spill response training and toolbox talks.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
108	Flood Risk, Drainage and Water Resources	To manage spillage risk	The Scheme would be secure to prevent any vandalism that could lead to a pollution incident.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
109	Flood Risk, Drainage and Water Resources	To manage spillage risk	Decommissioning waste / debris are to be prevented from entering any surface water drainage or water body.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
110	Flood Risk, Drainage and Water Resources	To manage spillage risk	Surface water drains on public roads trafficked by plant or within the construction compound would be identified and, where there is a risk that fine particulates or spillages could enter them, the drains will be protected (e.g. using covers or sandbags) or the road regularly cleaned by road sweeper.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
111	Flood Risk, Drainage and Water Resources	To manage spillage risk	Suitable facilities for concrete wash water (e.g. geotextile wrapped sealed skip, container or earth bunded area) would be adequately contained, prevented from entering any drain, and removed from the Site for appropriate disposal at a suitably licenced waste facility.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
112	Flood Risk, Drainage and Water Resources	To manage spillage risk	Water quality monitoring of potentially impacted watercourses would be undertaken to ensure that pollution events can be detected against baseline conditions and can be dealt with effectively.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

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113	Flood Risk, Drainage and Water Resources	To manage spillage risk	Any site welfare facilities would be appropriately managed, and all foul waste disposed of by an appropriate contractor to a suitably licenced facility if it is not possible to connect to the public sewer.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
114	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	Topsoil and other construction materials would be stored outside of the 1 in 100 year floodplain extent. If areas located within Flood Zone 2 are to be utilised for the storage of construction materials, this would be done in accordance with the applicable flood risk activity regulations, if required.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
115	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	Connectivity would be maintained between the floodplain and the adjacent watercourses, with no changes in ground levels within the floodplain as far as practicable.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
116	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	During the construction phase, the Contractor would monitor weather forecasts on a monthly, weekly and daily basis, and plan works accordingly. For example, works in the channel of any watercourse will be avoided or halted were there to be a significant risk of high flows or flooding.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
117	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The construction laydown area site office and supervisor will be notified of any potential flood occurring by use of the Floodline Warnings Direct or equivalent service.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
118	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The Contractor would be required to produce an Emergency Response Plan which will provide details of the response to an impending flood and include a 24-hour availability and ability to mobilise staff in the event of a flood warning.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
119	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The Contractor would be required to produce an Emergency Response Plan which would provide details of the response to an impending flood.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
120	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The Contractor would be required to produce an Emergency Response Plan which would provide details of the response to an impending flood and include details of the evacuation and site closedown procedures.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

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121	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The Contractor would be required to produce an Emergency Response Plan which would provide details of the response to an impending flood and include arrangements for removing any potentially hazardous material and anything capable of becoming entrained in floodwaters, from the temporary works areas.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
122	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	The Contractor would sign up to Environment Agency flood warning alerts and describe in the Emergency Response Plan the actions it will take in the event of a flood event occurring. These actions will be hierarchal meaning that as the risk increases the Contractor would implement more stringent protection measures.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
123	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	If water is encountered during below ground construction, suitable de-watering methods would be used. Any groundwater dewatering required in excess of the exemption thresholds would be undertaken in line with the requirements of the Environment Agency (under the Water Resources Act 1991 as amended) and the Environmental Permitting Regulations (2016).	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
124	Flood Risk, Drainage and Water Resources	To minimise the risk of flooding and pollution during construction	Safe egress and exits are to be maintained at all times when working in excavations. When working in excavations a banksman is to be present at all times.	Embedded	Contractor	Chapter 9 Flood Risk, Drainage and Water Resources of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
125	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Landscape, arborists and ECoW to ensure that the landscape and ecology requirements of the detailed DEMP(s) are adhered to and that the decommissioning works are monitored.	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
126	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	A pre-decommissioning tree survey will be undertaken where decommissioning works are likely to affect trees. The findings of this will be included within an Arboriculture Report, which will be accompanied by an Arboriculture Method Statement. The findings and recommendations of these will be taken into account by the appointed contractor.	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
127	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual	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 – Recommendations and National Joint Utilities Group (NJUG) Guidelines for the	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

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		impacts of the Scheme	Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees.				
128	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	All necessary protective fencing will be installed prior to the commencement of any site clearance or decommissioning works.	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
129	Landscape and Visual	To conserve landscape, ecology and archaeological features, to create new green infrastructure, and to minimise the visual impacts of the Scheme	Existing vegetation along the boundary of the Order limits will be retained and managed where practicable to ensure its continued presence and to aid the screening of low-level views into the decommissioning site.	Embedded	Contractor	Chapter 10 Landscape and Visual Amenity of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
130	Major Accidents and Disasters	To minimise risks to health and safety	All works will be undertaken in accordance with relevant Health and Safety legislation and guidance. Details of fire, police, emergency services and hospitals will be publicised and included in the site induction.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
131	Major Accidents and Disasters	To minimise risks to health and safety	The relevant risk assessments for safety during construction will be required and produced by the contractor prior to construction, which will be implemented to minimise the risk of accidents and disasters on site.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
132	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Unnecessary revving of engines will be avoided, and equipment will be switched off when not in use.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
133	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Best Practicable Means (BPM) will be applied, as far as reasonably practicable, during construction works to minimise noise and vibration at NSRs, including, neighbouring residential properties and other sensitive receptors arising from construction activities.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
134	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Ensure that all appropriate processes, procedures and measures are in place to minimise noise before works begin and throughout the decommissioning programme.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

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135	Noise and Vibration	To minimise noise and vibration from decommissioning activities	All contractors to be made familiar with current legislation and the guidance in BS 5228 (Parts 1 and 2) which should form a prerequisite of their appointment.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
136	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Ensuring that, where reasonably practicable, noise and vibration is controlled at source (e.g. the selection of inherently quiet plant and low vibration equipment), review of the decommissioning programme and methodology to consider quieter methods, consideration of the location of equipment on-site and control of working hours.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
137	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Use of modern plant, complying with applicable UK noise emission requirements.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
138	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Hydraulic techniques for breaking to be used in preference to percussive techniques, where reasonably practicable.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
139	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Drop heights of materials will be minimised.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
140	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Plant and vehicles will be sequentially started up rather than all together.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
141	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Use of screening locally around significant noise producing plant and activities. Screening would be designed to minimise landscape and visual impacts.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
142	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Regular and effective maintenance by trained personnel will be undertaken to keep plant and equipment working to manufacturer's specifications. All construction plant and equipment to be properly maintained, silenced where appropriate, operated to prevent excessive noise and switched off when not in use.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
143	Noise and Vibration	To minimise noise and vibration from decommissioning activities	All construction plant and equipment to be properly maintained, silenced where appropriate, operated to prevent excessive noise and switched off when not in use.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

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144	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Loading and unloading of vehicles, dismantling of site equipment or moving equipment or materials around the Order limits to be conducted in such a manner as to minimise noise generation, as far as reasonably practicable.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
145	Noise and Vibration	To minimise noise and vibration from decommissioning activities	All vehicles used on-site shall incorporate reversing warning devices as opposed to the typical tonal reversing alarms to minimise noise disturbance where reasonably practicable.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
146	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Appropriate routing of construction traffic on public roads and along access tracks pursuant to the final DTMP.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
147	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Provision of information to ECDC and WSC and local residents to advise of potential noisy works that are due to take place.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
148	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Monitoring of noise complaints and reporting to Applicant for immediate investigation and action. A display board will be installed on-site and a website will be set up. These will include contact details for the Site Manager or alternative public interface with whom nuisance or complaints can be lodged. A logbook of complaints will be prepared and managed by the Site Manager.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
149	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Section 61 Consents would be obtained for the Scheme which would include agreed construction noise limits for nearby noise sensitive receptors.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
150	Noise and Vibration	To minimise noise and vibration from decommissioning activities	Consideration will be given to traffic routing, timing and access points to the Sites to minimise noise impacts at existing receptors following appointment of a principal contractor, and as decommissioning working methods are developed. Contractors will issue a project route map and delivery/removal schedule to control decommissioning traffic. Management of HGVs within the site and being let onto the highway network will be managed through a DTMP.	Embedded	Contractor	Chapter 11 Noise and Vibration of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
151	Socio-Economics	To minimise disruption to users of public rights of way during construction	Temporary diversions of Public Right of Way (PRoW) during the construction phase will be put in place and monitored to ensure they are suitable and well maintained for use. All diversions will be sign-posted accordingly, and closures will be advertised in advance.	Embedded	Contractor	Chapter 12 Socio-Economics and Land Use of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
152	Telecommunications, Television Reception, and Utilities	To avoid buried utilities during construction	Ground penetrating radar would be used before excavation to identify any unknown utilities.	Embedded	Sunnica Ltd	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
153	Telecommunications, Television Reception, and Utilities	To avoid buried utilities during construction	Consultation and agreement of decommissioning/demobilisation methods would be required prior to works commencing to avoid utilities.	Embedded	Sunnica Ltd	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
154	Waste	To avoid and minimise the creation of waste during construction, operation and decommissioning	As part of the embedded mitigation, a Decommissioning Resource Management Plan (DRMP) will be agreed as part of the Decommissioning Environmental Management Plan prior to the commencement of the decommissioning phase. As part of the DRMP, the contractor would segregate construction waste to be re-used and recycled where reasonably practicable. This will set out targets for fuel, waste and energy consumption.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
155	Waste	To avoid and minimise the creation of waste during construction, operation and decommissioning	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.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
156	Waste	To avoid and minimise the creation of waste during construction, operation and decommissioning	All waste transported off site will be delivered to the appropriately licenced receivers of such materials.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
157	Waste	To minimise impacts of waste on the surrounding environment	Burning of waste or unwanted materials would not be permitted on-site.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
158	Waste	To minimise impacts of waste on the surrounding environment	All hazardous materials including chemicals, cleaning agents and solvent containing products to be properly sealed in sealed containers at the end of each day prior to storage in appropriately protected and bunded storage areas.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
159	Waste	To minimise impacts of waste on the surrounding environment	Prior to decommissioning start, suitable recycling and landfill facilities with sufficient capacity to receive the quantities of decommissioning waste expected will be identified.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
160	Waste	To minimise impacts of waste on the surrounding environment	Materials requiring removal from the Order limits would be transported using licensed carriers and records kept, detailing the types and quantities of waste moved and the destinations of this waste, in accordance with the relevant regulations.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
161	Waste	Waste management during decommissioning	The core waste management principles of prevention, reuse, recycle, recover and disposal as defined in the 'Waste Hierarchy' will be embedded within the DRMP and the DEMP(s), produced by the contractor prior to decommissioning.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
162	Waste	Waste management during decommissioning	The separation of waste will be carried out at the source in order to maximise opportunities for reuse and recycling. Segregation of waste will require training, monitoring and enforcement.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
163	Waste	Waste management during decommissioning	All areas used for temporary storage of waste on site will comply with Defra and EA guidelines and will be clearly signed. Waste storage facilities will be provided at source using the best environmental options available. Any hazardous or special waste will be stored in separate, secure containers and clearly identified as such.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
164	Waste	Safe disposal of waste during decommissioning	Disposal activities will also be carried out in accordance with the Pollution Prevention Guidelines (PPGs) (or any relevant successive guidance in place) in order to ensure compliance with current waste legislation.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
165	Waste	Safe disposal of waste during decommissioning	All waste transported off site will be delivered to the appropriately licenced receivers of such materials. Waste transportation will take place at regular intervals to avoid the accrual of waste.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
166	Waste	Safe disposal of waste during decommissioning	Only registered waste carriers will be authorised to transport waste and a Waste Transfer Note (WTN) will be completed for each load of waste, which must contain a record of their waste carrier registration number. Copies of each WTN will be filed as an appendix to the DRMP and held for at least two years. The appropriate European Waste Catalogue (EWC) code will be noted on the WTN, in addition to how it is contained. All sites receiving waste must have an appropriate permit, licence or registration exemption, the details of which should also be recorded.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
167	Waste	Management of hazardous decommissioning waste	If required, the EA will be advised in advance of any hazardous waste movements and Waste Consignment Notes (WCNs) will be purchased in advance for this type of waste transportation. These consignment notes will be held for at least three years. Burning of waste or unwanted materials will not be permitted on-site. All hazardous materials including chemicals, cleaning agents and solvent containing products to be properly sealed in sealed	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan

ID	Primary driver for mitigation (topic)	Effect	Mitigation Measure	Embedded or Additional Mitigation	Responsible Party	Document Source	Securing Mechanism
			containers at the end of each day prior to storage in appropriately protected and bunded storage areas.				
168	Waste	Management of hazardous decommissioning waste	All fuel and oil will be stored within an area of the decommissioning compound and contained by a small bund constructed from material sourced on site and lined with an impermeable membrane in order to prevent any contamination of the surrounding soils, vegetation and water table, in accordance with Defra and Environmental Agency Oil Storage Regulations for Businesses 2016. Any contaminated run-off within the bund will be disposed of at an appropriate waste management facility.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
169	Waste	Management of hazardous decommissioning waste	Any used (contaminated) spill kits, absorbent granules, sheets or fibres must be disposed of in accordance with the COSHH regulations and in accordance with the spill management plan.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
170	Waste	Management of waste from welfare and domestic facilities	Temporary welfare facilities will be provided during the decommissioning phase, with permanent welfare facilities provided in the site office, storage and welfare building. These facilities will include toilets, washing and drinking water. This will include a connection to the public mains water supply, and either a connection to the foul sewer or a cess tank that will be periodically emptied and taken off site by a licensed operator. All on site welfare facilities will be clearly signposted and maintained.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
171	Waste	Management of waste from welfare and domestic facilities	Where excess surface water occurs from the area of the buildings, this will be collected and treated in a Sustainable Urban Drainage System (SUDS), prior to discharge.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
172	Waste	Management of waste from welfare and domestic facilities	Effluent and waste from onsite decommissioning personnel will be treated at a package sewage treatment plant or a septic tank and discharged into a properly designed and sized drainage field, in accordance with PPG4, subject to obtaining the required consents.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
173	Waste	Management of waste from welfare and domestic facilities	Where a septic tank is used, this will be emptied on a regular basis and taken away by a registered waste disposal contractor.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan
174	Waste	Management of waste from welfare and domestic facilities	Collection facilities for other domestic refuse will be provided to segregate waste. These facilities will be clearly marked, positioned in appropriate locations and protected from the weather and animals.	Embedded	Contractor	Chapter 16 Other Environmental Topics of the Environmental Statement [EN010106/APP/6.1] Appendix 16E Framework Decommissioning Environmental Management Plan of the Environmental Statement [EN010106/APP/6.2]	Framework Decommissioning Environmental Management Plan