Peartree Hill Solar Farm

Environmental Statement

Volume 4

Commitments Register

Revision 2

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Infrastructure Planning

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and Procedure) Regulations 2009 –

Regulation 5(2)(a)

Application Document Ref: EN010157/APP/6.4

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Prepared by RSK on behalf of RWE Renewables UK Solar and Storage LTD

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
1.	The core hours of working on any part of the Proposed Development during the construction period will be: • 07:00 hours to 19:00 hours Mondays to Fridays; and • 07:00 hours to 12:00 hours on Saturdays. The following controls will also apply to the works: • No works, including site deliveries and collections, will take place on Sundays or Public Holidays unless necessary and agreed with East Riding of Yorkshire Council; • Working days will be one 12-hour shift, with employees travelling to and from the Site an hour on either side of these times (i.e. between 06:00 and 07:00, and 19:00 and 20:00) (exceptions may be required for abnormal loads and emergency purposes); and Where onsite works are to be conducted outside the core working hours, they will comply with the restrictions pursuant to the consenting process.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
2.	Temporary compounds will be established before commencement of the main construction works in each Land Area for the storage of materials, plant and equipment. There are expected to be up to 17 temporary construction compounds, which would be located across each Land Area (B to F). This would mean that construction activities and the use of the compound(s) in each Land Area is kept to a shorter period of time compared with all construction activities being based from a single, main compound.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
3.	Of the 17 construction compounds, seven are anticipated to be main compounds and the remaining ten satellite compounds. Main		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

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	compounds would be located near to entrance points and workers would be bused from these locations to the satellite compounds that are closer to the work sites. It is expected that there would be one main compound within each Land Area, except for Land Areas B and D, which would each contain two main compounds.																		
4.	The main compounds are expected to have a footprint of up to 6,000m^2. The satellite compounds are expected to have a footprint of up to 3,000m^2.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
5.	All compounds would include hardstanding areas, construction worker welfare facilities, a site office, car parking, wheel wash area, plant and machinery storage, HGV/delivery turning area and waste storage areas. The set up, layout and use of compounds will be confirmed by the Principal Contractor with further details described in the Construction Environmental Management Plan(s).		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
6.	Site security during construction will be managed by the Principal Contractor. The site security fencing will remain in place throughout the duration of the construction period. CCTV will be in operation at all main and satellite compounds. Any storage of materials will be kept secure to prevent theft or vandalism. A safe storage system for accessing the materials storage areas would be implemented by the Principal Contractor.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
7.	Further on-site security and fencing to be installed during the construction phase will be confirmed by the Principal Contractor and included in the Construction Environmental Management Plan(s).		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
8.	In instances whereby an offender is identified through the security measures, the police or relevant authorities will be notified. A robust escalation process for when an offender is identified will be		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

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	included in the Construction Environmental Management Plan.																		
9.	Construction temporary Site lighting, in the form of mobile lighting towers with a power output of 8 kilo volt-amperes (kVA), will be required in areas where natural lighting is unable to reach (sheltered/confined areas) and during core working hours within winter months. Artificial lighting would be provided to maintain sufficient security and health and safety for the Site, whilst adopting the mitigation principles to avoid excessive glare and minimise spill of light to nearby receptors (including ecology and residents) outside of the Order Limits as far as reasonably practicable.		Construction		X				X							**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
10.	All construction lighting will be deployed in accordance with the following recommendations to prevent or reduce the impact on human and ecological receptors: • The use of lighting will be minimised to that required for safe site operations; • Lighting will conform to best practice guidelines with respect to minimising light spill into adjacent habitats and prevent disturbance to bats and other species during construction; • Lighting will utilise directional fittings to minimise outward light spill and glare (e.g. via use of light hoods/cowls which direct light below the horizontal place, preferably at an angle greater than 20° from horizontal); and • Lighting will be directed towards the interior of the Site rather than towards the boundaries.		Construction		X				X							**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
11.	Noise thresholds have been identified for nearby sensitive receptors during construction, presented in **ES Volume 2, Chapter 12: Noise and Vibration**		Construction							X						**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

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	[EN010157/APP/6.2]. These will be defined in the Construction Environmental Management Plan(s). Thus, where on-site works are required to be conducted outside of the core working hours, they will comply with any restrictions agreed with the relevant planning authorities, in particular regarding the control of noise and traffic. Compliance with these noise limits will ensure adverse effects are unlikely. Abnormal or emergency construction traffic movements may occur outside of normal working hours. In the event of these occurrences, specific noise mitigation measures will be put in place to reduce potential noise impacts at nearby noise sensitive receptors, if required.																		
12.	During construction, the Principal Contractor will ensure that the impacts from construction traffic on the local community (including local residents and businesses and users of the surrounding transport network) are minimised, where reasonably practicable by implementing the measures set out in **ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2]** and the **Outline CTMP [EN010157/APP/7.7]**.		Construction									**X**				**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
13.	Car parking will be located at or adjacent to each of the main construction compounds. Adequate parking spaces will be provided for the maximum number of personnel at each main compound with three workers per vehicle. Parking will not be available at satellite compounds. Staff will park at the relevant main compound and would be transported to the satellite compounds via shuttle bus. Further details of parking provision will be confirmed by the Principal Contactor in the Construction Traffic Management Plan and agreed with East Riding of Yorkshire		Construction									**X**				**Outline CEMP [EN010157/APP/7.2]** **Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]** **Outline CTMP [EN010157/APP/7.7]**	

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	Council prior to commencement.																		
14.	Prior to construction works commencing, a Site Waste Management Plan will be prepared by the Principal Contractor. The Site Waste Management Plan will be substantially in accordance with the **Outline SWMP [EN010157/APP/7.10]** and finalised with specific measures to be implemented prior to commencement in accordance with Schedule 2 of the **Draft DCO [EN010157/APP/3.1].** In accordance with Schedule 2 of the **Draft DCO [EN010157/APP/3.1],** no part of the Proposed Development is to be commenced until a Site Waste Management Plan has been submitted to and approved by the local planning authority (East Riding of Yorkshire Council). The Site Waste Management Plan must be in substantial accordance with the **Outline SWMP [EN010157/APP/7.10].**		Construction												X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
15.	Should foot and mouth burials be discovered on-site, the Principal Contractor will notify the Environment Agency immediately. As foot and mouth landfills are classed as landfill, any relevant waste permits obtained will be reviewed by the Principal Contractor in consultation with the Environment Agency to ensure they sufficiently cover the management of burial sites. Further details regarding the management of any potential foot and mouth burials will be included the Construction Environmental Management Plan.		Construction												X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
16.	HDD will generally be utilised during construction under highways and some watercourses. General HDD practices are outlined below: • Reflect known ground conditions to select a specific route and depth through the most homogeneous geological conditions possible; • Casing of weaker un-cohesive layers to reduce bentonite breakout;		Construction		X			X	X	X			X			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

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	• Use as low a concentration of bentonite as reasonably practicable; • Operatives to monitor the drilling for evidence of breakout and cease drilling and seal fissures or voids if applicable, as required; • Monitoring of drilling fluid returns and volumes to help identify losses; • Retain a stock of sandbags and pumps on site to contain breakout and dispose accordingly; • Bentonite water slurry will be stored in the launch pits and transported to a registered disposal site(s); and, • HDD wastewater (including bentonite) will be incarcerated within the launch pit and transported to a specialised local facility for disposal. Further details regarding HDD breakout will be included in the Construction Environmental Management Plan(s).																	
17.	Should any contaminated material be discovered, this will not be used on-site and will be dealt with in line with the process detailed in the Site Waste Management Plan. All staff will remain vigilant of ground conditions at all times and any suspect areas of potential contamination will be reported to the Site Manager. Should any potentially contaminated ground, including isolated 'hotspots' of contamination and/or potential deposits of asbestos containing materials be encountered, the Principal Contractor will be required to investigate the areas and assess the need for containment or disposal of the material. Advice should be sought from an environmental specialist should materials suspected of being contaminated be found. The Principal Contractor will also be required to assess whether		Construction											X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

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	any additional health and safety measures are required. Further detail on this will be provided in the Site Waste Management Plan, secured by the **Outline SWMP [EN010157/APP/7.10]**.																		
18.	An Emergency Response Plan will be developed by the Principal Contractor in consultation with the relevant local authority emergency planning officer, emergency services including the local fire service, as well as the Environmental Agency in relation to responding to flood warnings and events. The Construction Environmental Management Plan(s) will detail the procedures for responding to incidents and emergencies on site, and any reporting.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
19.	Engagement with utilities companies will be undertaken prior to commencement of construction activities to agree safe methods of working around existing utilities. Offsets around identified utilities will be implemented to avoid impacts, including 20m buffers above major gas pipelines where no project infrastructure is placed.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
20.	The Site should be tidy, secure, and have clear access routes that are well signposted. The appearance of a tidy, well-managed Site can reduce the likelihood of theft, vandalism, complaints and/or specific hazards that could affect the safe operation of the other businesses in the area, such as bird hazards and wind-blown litter. As outlined in the fifth edition of CIRIA's 'Environmental good practice on site guide' (C8110, when considering good housekeeping, the Principal Contractor will implement the following recommendations: • Adequately plan the Site with designated areas of materials and waste storage;		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

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	• Segregate and label different types of waste as it is produced and arrange frequent removal; • Keep the Site tidy and clean; • Ensure that no wind-blown litter or debris leaves the site, use covered skips to prevent wind-blown litter; • Keep hoarding tidy - repair and repaint when necessary, removing any fly posting or graffiti; • Frequently brush-clean wheel washing facilities and keep haul routes clean from site derived materials; • Keep roads free from mud by using a road sweeper; and • Ensure the Site is secure.																		
21.	An Invasive Non-Native Species Management Plan will be prepared as part of the Construction Environmental Management Plan to prevent importation of species on construction plant and control any invasive non-native species found on-site that are listed under the Wildlife and Countryside Act 1981 (as amended). This will contain detailed biosecurity measures ensure the spread of non-native species is controlled during the construction phase.		Construction		X				X							**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
22.	The Considerate Constructors Scheme will be adopted by the Principal Contractor to assist in reducing pollution and nuisance from the Proposed Development, by employing good practice measures which go beyond statutory compliance.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
23.	Monitoring and reporting will be undertaken for the duration of the construction phase in order to demonstrate the effectiveness of the requirements and measures set out in the Construction Environmental Management Plan(s) and related construction controls and allow		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

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	for corrective action to be taken where necessary.																		
24.	As part of the monitoring process the designated Environmental Manager will be present on site throughout construction. The Environmental Manager will observe site activities and report any deviations from the Construction Environmental Management Plan(s), along with the action taken and general conditions at the time. The Applicant will be informed of any deviations from the Construction Environmental Management Plan as soon as possible following identification of such issues, and if required further follow up will be sought. The Environmental Manager would also act as day-to-day contact with relevant local authorities and other regulatory agencies such as the Environment Agency.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
25.	During construction, the Environmental Manager will conduct walkover surveys to ensure all requirements of the Construction Environmental Management Plan(s) are being met. Action from these surveys will be documented on an Environmental Action Schedule, discussed with the Site Manager for programming requirements and issued weekly for actioning.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
26.	The Environmental Manager will also arrange regular formal inspections and audits to ensure the requirements of the Construction Environmental Management Plan(s) are being met. Details of monitoring, inspection and audits to be undertaken will be provided in the Construction Environmental Management Plan(s). After completion of the works, the Environmental Manager will conduct a final review.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
27.	Records will be managed through the Quality and Safety Management Systems (QMS) and the Environmental Management System (EMS) of the Principal Contractor which		Construction Decommissioning	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	

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	will be certified in line with the ISO 14001 standards.																		
28.	The Environmental Manager will retain records of all monitoring, inspections and audits and records related to environmental issues at the Site. Documents shall be stored in a suitable manner and backups created to safeguard the records. These records will include: • Results of routine site inspections by Environmental Manager; • Environmental surveys and investigations; • Environmental Action Schedule; • Environmental equipment test records; • Licenses and approvals; and • Corrective actions taken in response to incidents, breaches of the approved Construction Environmental Management Plan(s) or complaints received from a third party.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	
29.	The Construction Environmental Management Plan(s) will be updated if it is necessary to add additional control measures, with a full review as required throughout the construction period. Existing control measures and mitigation will not be amended without prior agreement with the local authorities.		Construction	X	X	X	X	X	X	X	X	X	X	X	X	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
30.	Where possible, material would be balanced through a cut and fill exercise to retain volumes onsite.							X							X	**Outline SWMP [EN010157/APP/7.10]**	Pre-construction and construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]**	
31.	During decommissioning, the removal of any material assets and waste will be recycled or disposed of in accordance with good practice and market conditions at that time. If items can be recycled, this will be the first-choice option.														X	**Outline SWMP [EN010157/APP/7.10]**	Decommissioning by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]**	
32.	The Proposed Development will receive regular security risk management threat		Operation (including maintenance)													**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	

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	assessments during its operation. These security risk management threat assessments will be conducted by suitably qualified and experienced persons and will determine security risks. The security arrangements to be present at the Site will contribute to the overall safety of all who will, or may, enter the Site. The security arrangements will be reviewed by suitably qualified and experienced persons at intervals commensurate to the security risk rating and will further assess any changes in the security risk management threat assessment.																		
33.	The boundary of the Site will be secured by fencing and by the provision of closed-circuit television (CCTV) equipment. The operational areas of the Proposed Development would be fenced using either a wire mesh or deer-proof fencing, which is formed of wooden or metal posts and wire mesh, up to 2m in height. Pole-mounted internal-facing CCTV systems will be installed at a height of up to 3m around the perimeter of the solar PV module fields. Access gates will be metal and of similar height to the perimeter fencing. Clearances above ground, or mammal gates, will be included to permit the passage of wildlife.		Operation (including maintenance)						**X**							**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
34.	CCTV cameras would use infrared technology, which would be monitored remotely and avoid the need for night-time lighting. For security requirements, passive infrared detector (PID) systems (or similar) will be installed around the solar PV module field perimeter to provide the CCTVs night vision functionality.		Operation (including maintenance)		**X**				**X**							**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
35.	Palisade security fencing would be installed around the perimeter of the two on-site substations and is proposed to be made of steel rails attached to horizontal-running rails connected to vertical steel joints. The palisade security fencing will be up to 2.4m in		Operation (including maintenance)						**X**							**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	

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	height. Pole-mounted CCTV systems, which typically have a maximum height of 3m, are proposed to be positioned around the perimeter of the operational areas of the Site with fixed views of the Proposed Development as a security measure and will not be positioned facing any residential properties.																		
36.	The lighting of the two on-site substations will be in accordance with health and safety requirements. Lighting sensors will be implemented for security purposes. Lighting will include features designed to reduce light spill beyond the areas required to be lit. During operation (including maintenance), no part of the Proposed Development will be continuously lit; infrared sensor-triggered security lighting will be utilised for operational and security purposes.		Operation (including maintenance)		X				X							**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
37.	To attenuate noise emissions during the operational (including maintenance) phase, reduced fan speeds will be employed where applicable whilst maintaining the required airflow for cooling requirements. Inverters will be run at 80% fan speed during the day and 60% during the night, while battery containers will have their chillers limited at 50% fan speed.		Operation (including maintenance)							X						**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
38.	Access for the operational stage will accord with the **Street Works, Rights of Way and Access Plans [EN010157/APP/2.3]** and the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**, which will be further developed into the Rights of Way and Access Management Plan during detailed design.		Operation (including maintenance)								X	X				**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
39.	Traffic management measures will accord with the **Traffic Measures Plan [EN010157/APP/2.9]**.		Operation (including maintenance)									X				**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
40.	The internal speed limit within the Site will be 10 miles per hour. Signage will be displayed for internal tracks.		Operation (including maintenance)	X								X				**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	

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41.	During operation, parking for vehicles will be available for use by workers within the substation compounds. Further details on parking provisions will be confirmed during detailed design and provided in the Operational Environmental Management Plan(s).		Operation (including maintenance)									**X**				**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
42.	Access to footpaths, including the permissive paths to be provided as part of the Proposed Development, will be maintained throughout the operational (including maintenance) phase of the Proposed Development. Further details are provided in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**.		Operation (including maintenance)													**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
43.	To manage the solar PV module waste that will arise from potential module replacements during the operational life of the Proposed Development, there will be a regular review of suitable outlets for reuse and recycling of the modules and associated infrastructure at the end of its viable life, to maximise recycling and minimise the need to landfill.		Operation (including maintenance)												**X**	**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
44.	Any equipment that needs to be replaced during the operational (including maintenance) phase will be disposed of in accordance with the waste hierarchy described in the **Outline Site Waste Management Plan [EN010157/APP/7.10]**, with materials being reused or recycled, wherever practicable.		Operation (including maintenance)												**X**	**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
45.	Waste solar PV modules replaced during operation will be classified as a Business to Consumer (B2C) Waste. Waste batteries and solar PV modules will be taken to an approved authorised treatment facility.		Operation (including maintenance)												**X**	**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
46.	Electrical waste will be disposed of per The Waste Electrical and Electronic Equipment (WEEE) Regulations 2013, minimising the environmental impact of		Operation (including maintenance)												**X**	**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	replacing any elements of the Proposed Development. A record will be kept for the operational life of the Proposed Development of all WEEE waste produced, the weight and the facility it has been disposed at.																		
47.	Prior to the operational (including maintenance) phase commencing, the Operational Environmental Management Plan will include details on the management of site waste for the operational stage of the Proposed Development. The Operational Environmental Management Plan will provide waste estimates, and specify key responsibilities, reporting and auditing requirements and waste recovery targets.		Operation (including maintenance)												X	**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
48.	All waste to be removed from the Site will be undertaken by licensed waste carriers, documented by appropriate waste transfer notes, and taken to licensed waste facilities for recycling or disposal and managed in line with the requirements applicable at the time. The waste hierarchy will be applied, in priority order: prevention, preparation for reuse, recycled, other recovery and disposal.		Operation (including maintenance)												X	**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
49.	Self-contained independent welfare units which are not connected to the mains and which store foul/wastewater for collection/emptying by specialist licenced contractors will be used.		Operation (including maintenance)					X					X			**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
50.	The following additional plans will be prepared as part of the Operational Environmental Management Plan prior to first operation of the Proposed Development: • Emergency Response Plan (including Flood Risk). This will be developed in consultation with the East Riding of Yorkshire Council emergency planning officer, emergency services including the local fire service, as well as the Environment Agency in		Operation (including maintenance)					X					X			**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	

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	relation to responding to flood warnings and events; • Emergency Spillage Action Plan. This will set out actions that will be taken in an event of a spillage event on-site; and • Health and Safety Plan. This will set out the health and safety requirements of the Site and how they will be implemented.																		
51.	No part of the Proposed Development is to be commenced until a LEMP for that part has been submitted to and approved by East Riding of Yorkshire Council. The LEMP must be substantially in accordance with the **Outline LEMP [EN010157/APP/7.5]** and any LEMP must be implemented as approved and maintained throughout the operation. This will include provisions in respect of on-going maintenance, management and monitoring of the landscape, vegetation, habitats and species during the operational phase of the Proposed Development.		Operation (including maintenance)		**X**				**X**							**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operation team	**Outline OEMP [EN010157/APP/7.3]**	
52.	The Proposed Development design will incorporate a minimum offset distance of 50m from residential properties from solar PV modules and other infrastructure	N/A	Pre-construction	**X**					**X**	**X**	**X**					**Works Plans [EN010157/APP/2.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.6** **ES Volume 2, Chapter 11 : Landscape and Visual [EN010157/APP/6.2], Section 11.6,** **ES Volume 2, Chapter 12 : Noise and Vibration [EN010157/APP/6.2],** **ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.6,**	
53.	The two on-site substations will not be located within 250m of any existing residential properties or environmental designated sites	N/A	Pre-construction	**X**					**X**	**X**	**X**					**Works Plans [EN010157/APP/2.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.6** **ES Volume 2, Chapter 11 : Landscape and Visual [EN010157/APP/6.2], Section 11.6,** **ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.6,** **ES Volume 2, Chapter 12 : Noise and Vibration [EN010157/APP/6.2]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
54.	Develop and implement a stakeholder communications plan that includes community engagement before work commences on Site.	Monitoring for the construction and decommissioning phases is proposed to commence at least three months before work commences on Site. Dust flux, or real-time PM10 continuous monitoring locations would be agreed with East Riding of Yorkshire Council. Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken. Make the complaints log available to East Riding of Yorkshire Council when asked. Record any exceptional incidents that cause dust and/or air emissions, either on- or off-site and the action taken to resolve the situation in the logbook. Undertake regular on-site and off-site inspection, where receptors (including roads) are nearby, to monitor dust, record inspection results, and make the log available to East Riding of Yorkshire Council when asked. Monitoring will, where possible, include regular dust soiling checks of surfaces such as street furniture, cars and window sills within 100m of the Order Limits in agreement with the relevant homeowners/landowners. Carry out regular site inspections to monitor	Pre-construction Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Pre-construction by the Principal Contractor and communications team	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
55.	Display the name and contact details of people accountable for air quality and dust issues with respect to the Proposed Development. This may be the environment manager/engineer or the site manager.		Pre-construction Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Pre-construction by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
56.	Display the head or regional office contact information.		Pre-construction Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Pre-construction by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
57.	Implement a Construction Environmental Management Plan, which includes measures to control all emissions, to be approved by East Riding of Yorkshire Council.		Pre-construction Construction	X												**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
58.	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.away from sensitive receptors, as far as is possible.		Site clearance and preparation Pre-construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
59.	Make the complaints log available to East Riding of Yorkshire Council when asked.		Pre-construction/Site clearance and preparation Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
60.	Record any exceptional incidents that cause dust and/or air emissions, either on- or off-site and the action taken to resolve the situation in the logbook.		Pre-construction/Site clearance and preparation Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
61.	Plan site layout so that machinery and dust causing activities are located away from sensitive receptors, as far as is possible.		Pre-construction/Site clearance and preparation Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
62.	Fully enclose site or specific operations where there is a high potential for dust production and the Site is active for an extensive period.		Pre-construction/ Site clearance and preparation Construction	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
63.	Avoid runoff of water or mud from the Site.		Pre-construction/ Site clearance and preparation Construction	X												**Outline CEMP [EN010157/APP/7.2]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
64.	Remove materials that have a potential to produce dust from site as soon as possible, unless being re-used on site. If		Pre-construction/ Site clearance and preparation Construction	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	

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	they are being re-used on-site cover as described below.	compliance with the Construction Environmental Management Plan, record inspection results, and make an inspection log available to East Riding of Yorkshire Council when asked. Increase the frequency of Site inspections by the person accountable for air quality and dust issues on Site when activities with a high potential to produce dust are being carried out and during prolonged dry or windy conditions. During the construction and decommissioning phases, agree dust deposition, dust flux, or real-time PM10 continuous monitoring locations with East Riding of Yorkshire Council. Where possible commence monitoring at least three months before work commences on site.	Decommissioning												**Outline CTMP [EN010157/APP/7.7]**			
65.	Ensure all vehicles switch off engines when stationary - no idling vehicles.		Pre-construction/ Site clearance and preparation Construction Operation (including maintenance) Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]** **Outline DEMP [EN010157/APP/7.4]** **Outline CTMP [EN010157/APP/7.7]**	Construction, operation and decommissioning by the Principal Contractor and operations team	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
66.	Impose and signpost a maximum speed limit of 10 miles per hour on internal tracks and work areas.		Pre-construction/ Site clearance and preparation Operation (including maintenance) Construction	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]** **Outline CTMP [EN010157/APP/7.7]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
67.	Produce a Construction Traffic Management Plan to manage the sustainable delivery of goods and materials.		Pre-construction/ Site clearance and preparation	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]** **Outline CTMP [EN010157/APP/7.7]**	Construction, operation and decommissioning by the Principal Contractor and operations team	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
68.	Implement a Travel Plan that supports and encourages sustainable travel.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]** **Outline Travel Plan, which forms an appendix to the Outline CTMP [EN010157/APP/7.7]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
69.	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.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
70.	Ensure an adequate water supply on the Site for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
71.	Use enclosed chutes and conveyors and covered skips as appropriate.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
72.	Minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	

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	equipment wherever appropriate.																		
73.	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.		Pre-construction/ Site clearance and preparation Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
74.	Avoid bonfires or burning of waste material.		Pre-construction/ Site clearance and preparation Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
75.	Soft strip inside buildings before demolition (retaining walls and windows in the rest of the building where possible, to provide a screen against dust).		Pre-construction/ Site clearance and preparation Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
76.	Ensure effective water suppression is used during demolition operations.		Pre-construction/ Site clearance and preparation Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
77.	Avoid explosive blasting, using appropriate manual or mechanical alternatives.		Pre-construction/ Site clearance and preparation Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
78.	Bag and remove any biological debris or damp down such material before demolition.		Pre-construction/ Site clearance and preparation Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
79.	Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable.		Pre-construction/ Site clearance and preparation Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
80.	Only remove the cover in stages during work and not all at once.		Pre-construction/ Site clearance and preparation Construction Decommissioning	X												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
81.	Avoid scabbling (roughening of concrete surfaces) if possible.		Construction	X												**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
82.	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.		Construction	X												**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
83.	Ensure bulk cement and other fine powder materials are delivered in enclosed tankers		Construction	X												**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality**	

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	and stored in silos with suitable emission control systems to prevent escape of material and overfilling during delivery.																	**[EN010157/APP/6.2], Section 6.8**	
84.	For smaller supplies of fine power materials ensure bags are sealed after use and stored appropriately to prevent dust.		Construction	**X**												**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
85.	Use water-assisted dust sweeper(s) on the access and local roads, to remove, as necessary, any material tracked out of the Site.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
86.	Avoid any dry sweeping of large areas.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
87.	Ensure vehicles entering and leaving Site are covered to prevent escape of materials during transport.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
88.	Inspect on-Site haul routes for integrity and instigate necessary repairs to the surface.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
89.	Record all inspections of haul routes and any subsequent action in a site logbook.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
90.	Install hard surfaced haul routes, which are regularly damped down with fixed or mobile sprinkler systems, or mobile water bowsers and regularly cleaned.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
91.	Implement a wheel washing system.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]** **Outline CTMP [EN010157/APP/7.7]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
92.	Ensure there is an adequate area of hard surfaced road between the wheel wash facility and the Site exit.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	

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																Outline CTMP [EN010157/APP/7.7]			
93.	Access gates to be located at least 10m from sensitive receptors.		Pre-construction/ Site clearance and preparation Construction Decommissioning	**X**												**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]** **Outline CTMP [EN010157/APP/7.7]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
94.	Any emissions from non-road mobile machinery can be reduced by ensuring that any plant used on-site comply with the nitrogen oxides, particulate matter and carbon monoxide emissions standards specified in the Regulation (EU) 2016/1628 of the European Parliament and of the Council (as amended) as a minimum, where they have net power of between 37kW and 560kW.		Pre-construction/ Site clearance and preparation Construction	**X**												**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2, Chapter 6: Air Quality [EN010157/APP/6.2], Section 6.8**	
95.	The Proposed Development design will incorporate a minimum offset distance of 10m from any existing woodland, trees (from the edge of the canopy) and hedgerows, where reasonably practicable.		Pre-construction/ Site clearance and preparation		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
96.	The Proposed Development design will incorporate a minimum offset distance of 15m from any ancient woodland (from the edge of the canopy).		Pre-construction/ Site clearance and preparation		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
97.	Other than access tracks, the Proposed Development design will incorporate a minimum offset distance of 15m from any veteran trees (from the edge of the canopy).		Pre-construction/ Site clearance and preparation		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
98.	Other than locations where span bridges are required to be installed or where existing crossing points or culverts require upgrading, the Proposed Development design will incorporate a minimum offset distance of 10m from all watercourses, ditches and ponds.		Pre-construction/ Site clearance and preparation		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
99.	The Proposed Development design will incorporate ecological mitigation and enhancement areas that will remain free of solar PV development to provide continued availability of habitat for ground nesting birds, as well as creating suitable habitat for wintering birds and a range of other species such as meadow grassland, legume rich sowing, hedgerows, and field margin sowing.		Pre-construction/ Site clearance and preparation		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
100.	Where reasonably practicable, existing hedgerows, woodland, ditches and field margins will be retained. Any breaks or crossings (associated new tracks, security fencing and/or cable routes) will		Pre-construction/ Site clearance and preparation		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	be designed to use existing agricultural tracks between fields, where reasonably practicable, and the width of any breaches will be kept to a minimum.																		
101.	The Proposed Development design will incorporate a minimum offset distance of 50m from all barns suitable to support nesting pairs of barn owl.		Pre-construction/ Site clearance and preparation		X											**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
102.	Cables will be located in existing gaps in hedgerows, where reasonably practicable.		Pre-construction/ Site clearance and preparation		X											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
103.	On-site lighting will be infrared sensor-triggered security lighting, to be located around key electrical infrastructure and will not be continuous.		Pre-construction/ Site clearance and preparation		X											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
104.	Cable ploughing will be utilised where ground conditions and other site factors allow. Where this is not possible, other methods such as open cut trenching or HDD will be used.		Pre-construction/ Site clearance and preparation		X											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
105.	HDD will be a minimum depth of 7m below the bed of the River Hull.		Pre-construction/ Site clearance and preparation		X											**Outline CEMP [EN010157/APP/7.2]** **Design Parameters Document [EN010157/APP/5.8]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
106.	Drilling launch/reception pits will not be located: • within 50m of a bank of a Main River (River Hull, Monk Dike, Meaux and Routh Drain, Holderness Drain and Beverley and Barmston Drain) within 20m of the bank of all other watercourse under which the HDD will take place.		Pre-construction/ Site clearance and preparation		X											**Outline CEMP [EN010157/APP/7.2]** **Design Parameters Document [EN010157/APP/5.8]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
107.	In accordance with Beverley and North Holderness Internal Drainage Board requirements, a minimum easement of 9m will be applied from the top of Ordinary Watercourse banks. The Environment Agency also requires a minimum easement of 8m from the top of the banks of fluvial Main Rivers bank or the 'landward' toe of flood defences under its jurisdiction. This increases to a 16m easement from tidally influenced Main Rivers (i.e. the River Hull) or tidal flood defences. Infrastructure would not be located within these easements, with the exception of new crossings which would be agreed with Beverley and North Holderness Internal Drainage Board, where reasonably practicable. Riparian planting would be located within the easements.		Pre-construction/ Site clearance and preparation		X											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
108.	Where possible, the Proposed Development will avoid		Pre-construction/ Site clearance and preparation		X											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	development on Habitats of Principal Importance[1]																	**[EN010157/APP/6.2], Section 7.6**	
109.	Where possible, box culverts and single span bailey bridges will be used rather than pipe culverts. Box culverts will include measures such as ledges and a gravel base to encourage use by riparian mammals and fish. Where possible, mammal ledges will be a minimum of 500mm wide, at least 150mm above the highest water level and allow 600mm head room. Ramps must be provided to allow an otter access to the ledge.		Pre-construction/ Site clearance and preparation		**X**											**Outline CEMP[EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
110.	New culverts excluding those used within watercourses which infrequently contain water will be designed to be as short as possible. Culvert diameter should be a minimum of 600mm when under 20m in length and a minimum of 900mm when above 20m in length. Riparian vegetation will be included at the culvert inlet and outlet to provide transitional light levels. New culverts excluding those used within watercourses which infrequently contain water will have inlets depressed at least 150mm below the watercourse bed, baffles built into the culvert base to limit sediment loss during surcharging and improve the design for fish passage. Pools will be incorporated at culvert outlets to limit scour, dissipate energy and maintain channel stability.		Pre-construction/ Site clearance and preparation		**X**											**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
111.	The Proposed Development has taken into account the utilities present within the Order Limits. Planting and seeding within these areas will be undertaken in accordance with National Grid guidance (Development near overhead lines, 2008) and will consist of hedgerow and lower growing shrub species maintained to ensure statutory safety clearances.		Pre-construction/ Site clearance and preparation		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
112.	If intrusive groundworks, including hard piling or major excavations, will occur within 30m of an active badger sett, appropriate mitigation would be undertaken in consultation with Natural England and, if required setts, permanently or temporarily closed under licence. Pre-construction surveys would also determine the location, number and specification of badger gates within the proposed Site fencing.		Pre-construction/ Site clearance and preparation		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
113.	Landscaping, including new hedgerow and tree planting is proposed. The planting type will be decided on each species'		Pre-construction/ Site clearance and preparation		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity**	

[1] As defined under Section 41 of the Natural Environment and Rural Communities Act 2006. Available online: https://www.legislation.gov.uk/ukpga/2006/16

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	resilience to the impacts of climate change and comprise of majority native (and of local provenance) species that contribute to biodiversity enhancement.																	**[EN010157/APP/6.2], Section 7.6**	
114.	The perimeter security fencing will be either wire mesh or deer fence. Depending on the results of the pre-construction surveys as detailed and secured within the **Outline CEMP [EN010157/APP/7.2]**, mammal gates will be installed at appropriate locations along the fence lines to allow badgers and other small mammals access into fields for foraging. Appropriate offset distances (e.g., 10m offset distance from hedgerows/field margins) would be marked by fencing and signage.		Pre-construction/ Site clearance and preparation		**X**											**Outline CEMP [EN010157/APP/7.2]** **Design Parameters Document [EN010157/APP/5.8]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
115.	Appropriate demarcation fencing will be installed to prevent impact on specific features such as important habitat and badger setts.		Pre-construction/ Site clearance and preparation		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.6**	
116.	Pre-construction surveys are required where conditions on site are likely to change prior to the commencement of construction, for example, for mobile species, or where the constraints posed by these species will alter location. The purpose of these pre-construction surveys is to ensure no new legally protected species or other ecological constraints are present. This would also be required for any protected species licensing that may be identified as being necessary. Pre-construction surveys will be undertaken for the following and are detailed in and secured by the **Outline CEMP [EN010157/APP/7.2]**: • National Vegetation Classification for Figham Pasture LWS; • Barn owl, peregrine falcon and other appropriate Schedule 1 (of the Wildlife and Countryside Act 1981 (as amended) bird species; • Badgers; • Bats; • Water vole and otter; and • Great crested newts.		Pre-construction/ Site clearance and preparation		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
117.	A suitably qualified ecologist would be appointed during		Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	construction to advise on protecting important biodiversity features and provide advice on how to achieve compliance with environmental legislation. Relevant site staff would receive toolbox talks on the ecological risks present, legal requirements and working arrangements necessary to comply with legislation. Toolbox talks would be repeated as necessary over the duration of the relevant works.																	**[EN010157/APP/6.2], Section 7.8**	
118.	Species Protection Plans as appropriate will be produced by the Principal Contractor if required, based on pre-construction surveys. Each Species Protection Plan would be a live document subject to review and updating and would assist site personnel in the protection of species during construction, under the guidance of the suitably qualified ecologist. In the event protected species are found to be a constraint during the pre-construction surveys and if a protected species licence is deemed by the ecologist to be required, then applications would be submitted to Natural England sufficiently in advance of the works to meet with the optimum time for mitigation and to minimise any changes to the construction programme. Roosting bats are identified, then works would cease, consultation with Natural England would occur and appropriate licences and mitigation would be agreed.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
119.	No invasive non-native species have been found or are recorded within the Order Limits. However, to reduce potential for invasive species to be introduced, for example by construction traffic, the **Outline CEMP [EN010157/APP/7.2]** and **Outline DEMP [EN010157/APP/7.4]** set out and secure biosecurity procedures to ensure that no invasive species are brought onto the Site. In the event that any future infestations of invasive non-native species		Pre-construction/ Site clearance and preparation Construction Decommissioning		**X**											**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Pre-construction and decommissioning by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

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	are identified prior to and or during construction, exclusion zones would be established around them and the suitably qualified ecologist contacted for advice as required.																		
120.	The **Outline CEMP [EN010157/APP/7.2]** and the **Outline LEMP [EN010157/APP/7.5]** detail and secure methods to protect designated sites (LWSs), priority habitats, protected and notable species, and other areas of biodiversity value from disturbance, damage and accidental pollution (as discussed below).		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2] Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
121.	Mitigation for loss of functionally linked land for golden plover, lapwing, teal, mallard and black-headed gull is detailed in and secured by the **Outline LEMP [EN010157/APP/7.5]**. In total an area of 116 ha will be created for ground nesting and wintering bird mitigation. This includes 38.42 ha of grassland and scrape creation comprising 14ha (Ecological Mitigation Areas 13 and 11) on the west of the Order Limits will be grassland creation with wetland scrapes, whilst 21.48 ha (Ecological Mitigation Area 9) will be grassland creation. The wader scrapes will be created close to the River Hull and Figham Pasture LWS where the greatest number of golden plover and have been recorded. The creation of scrapes and surrounding short grassland will also provide suitable permanent resting and feeding opportunities for waders, waterfowl and gulls, thus helping to mitigate for the loss of land for these species. In addition to 116 ha of mitigation, 9.15 ha of the land within the Proposed Development will be managed as ecological enhancement areas. Although the ecological enhancement areas are not mitigation for SPA bird species, species including SPA birds are likely to benefit from the ecological enhancement areas due to the potential increase in food availability and habitat connectivity.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

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122.	In addition, the measures to mitigate for loss of ground nesting farmland bird habitat would be suitable for foraging and roosting Humber SPA/Ramsar site species. The wintering bird habitat within the ecological mitigation and enhancement areas will be created sufficiently in advance of infrastructure work to ensure appropriate habitat is available prior to the beginning of the construction phase. Further information on the design, management and monitoring of the ecological mitigation and enhancement areas is detailed in and secured by the **Outline LEMP [EN010157/APP/7.5]**.		Pre-construction/Site clearance and preparation Construction Decommissioning		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
123.	The following measures, which are detailed in and secured by the **Outline CEMP [EN010157/APP/7.2],** will mitigate the effect of visual and noise disturbance on birds: • Adherence to the guidelines set out in The Code of Practice for Noise and Vibration Control on Construction and Open Sites, 2009 and subsequent updates. • The use of push-press piling methods. • Selection of quietest working equipment available. • Visual and acoustic barriers (typically 3m high) will be installed as required around all Horizontal Directional Drilling, substation work sites, compounds, and noisy equipment. • Visual and acoustic barriers (typically 3m high) will be installed temporarily between ecological mitigation and enhancement areas and the working areas and removed once work is complete. • Provision of lined and sealed acoustic covers for noisy equipment. • Directing noise from machinery, including exhausts or engines, away from sensitive locations. • Ensuring that regularly maintained and appropriately silenced equipment is used. • Maintaining a no idling policy.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

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	• Unless otherwise agreed with East Riding of Yorkshire Council, there will be no night-time working (19:00 to 07:00) and any artificial lighting will be kept to a minimum and not directed towards habitat suitable for Humber SPA/Ramsar site qualifying bird species, ecological mitigation areas, existing boundaries, watercourses, ponds or existing scrub or trees. • Box culverts and single span bailey bridges will incorporate measures to allow species to continue to use the watercourses.																		
124.	Where HDD is not practicable, culverts or single span bridges would be used to allow the cables to be attached to the structures. Where works would be within 10m of a watercourse/waterbody, such as during culvert works, measures detailed in and secured by the Construction Environmental Management Plan would mitigate potential impacts on water quality.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
125.	Riparian vegetation will be included at the culvert inlet and outlet to provide transitional light levels. New culverts excluding those used within watercourses which infrequently contain water will have inlets depressed at least 150mm below the watercourse bed, baffles built into the culvert base to limit sediment loss during surcharging and improve the design for fish passage. Pools will be incorporated at culvert outlets to limit scour, dissipate energy and maintain channel stability		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
126.	Pre-construction surveys, as detailed and secured within the **Outline CEMP [EN010157/APP/7.2]**, would include a National Vegetation Classification survey and appropriate protected species surveys of Figham Pastures LWS. The surveys would be used to confirm an accurate pre-construction baseline, but also to microsite and determine the final location of the Horizontal Directional Drilling pits, open trenching areas, compound and access		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

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	route, thus aiming to avoid the most plant-rich areas.																		
127.	All work, including habitat re-instatement, within Figham Pastures LWS would be completed within six weeks between April and September to avoid the wintering and passage bird season, where reasonably practicable. Unless otherwise agreed with East Riding of Yorkshire Council, no night-time (19:00 to 07:00) working would be undertaken, to reduce disturbance to species including bats, water voles and otters. The impacted area within Figham Pastures LWS and vehicle movements would be kept to one 30m working width to reduce potential impacts on biodiversity.		Pre-construction/ Site clearance and preparation Construction		X											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
128.	An appropriate trackway would be installed in all areas due to be impacted, apart from soil storage areas, where an appropriate membrane covering the ground surface would be used. The trackway would reduce impact to soil and allow the flora to regenerate once work is completed. Prior to the trackway installation, the vegetation would be cut to ground level under the supervision of the suitably qualified ecologist with the arisings removed from site. The trackway would then be placed directly on top of the cut areas rather than over bare soil or excavation. Once work is completed, all temporary infrastructure including cabins would be removed and the trackway would be lifted under the supervision of the suitably qualified ecologist, in case any reptiles or amphibians have crawled underneath any infrastructure.		Pre-construction/ Site clearance and preparation Construction		X											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
129.	The installation of temporary trackway is likely to result in soil compaction. Therefore, to reduce the impact of soil compaction, a tractor mounted scarifying rake would be used to aerate compacted areas. Following this, vegetation would be left to regrow from the seedbank, and this would be monitored against the National Vegetation		Pre-construction/ Site clearance and preparation Construction		X											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

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	Classification baseline to ensure regrowth is comparable with the baseline and that no injurious weeds such as thistles or docks establish. If injurious weeds become dominant, then remedial management would be put in place.																		
130.	Coastal floodplain grazing marsh, a priority habitat, is present at Figham Pastures Local Wildlife Site (LWS). The Proposed Development includes HDD drilling under watercourses present as well as open-cut trench cutting to lay the transmission cable within Figham Pastures LWS. The underlying grassland turf will be replaced within 48 hours of the trench being dug. Details on turf translocation will be included in the Landscape and Ecological Management Plan and the Soil Management Plan, to ensure that the impact is minimal, with the trench width kept to a maximum of 1.5m.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
131.	All temporary site cabins would be placed on top of track matting and all generators would be switched off after every shift. Any cabins such as security cabins which are required at night would be placed outside the Figham Pastures LWS boundary. All areas within Figham Pastures LWS would remain unlit and any lighting required for cabins outside the Figham Pastures LWS boundary would be hooded and directed away from Figham Pastures LWS and surrounding hedgerows, tree lines and watercourses.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
132.	Once the turfs are carefully removed, the topsoil would be stored separately to the sub-soil and clearly marked. All excavated material would either be stored on top of an appropriate membrane or taken off-site. Once work is completed, the sub-soil would be placed back followed by the topsoil and then turfs. A suitably qualified ecologist would supervise the reinstatement of the turfs. Soil and turfs removed along the open cut trench section will be placed back within one week		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

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	of when it was excavated. This will be done in sections within the six week period. The automated watering system would be used for a minimum of two weeks after the turfs are reinstated. Following this, vegetation would be allowed to regrow from the turfs and this would be monitored against the National Vegetation Classification baseline to ensure regrowth is comparable with the baseline and that no injurious weeds such as thistles or docks establish. If injurious weeds become dominant or tufts do not establish, then remedial management would be put in place.																		
133.	Any hedgerow sections that require removal would be reinstated in the same location. If for any reason this is not possible, the hedgerow will be reinstated elsewhere within the Order Limits, using a mixture of native species appropriate for the local area, as soon as possible. If reinstatement is not possible on the original alignment, then planting a mixture of native species would be undertaken within an appropriate location within the Order Limits as directed by a suitably qualified ecologist. For internal track highways access, new hedgerows would be planted along new highway boundaries and visibility splays as soon as possible after works. Compensatory habitat creation, hedgerow re-instatement and improvement measures (such as tree planting, gapping-up existing hedgerows, improving species diversity) are detailed in and secured by the **Outline LEMP [EN010157/APP/7.5]**.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
134.	Impacts to ditches, fringing reeds and river habitat during culvert works and access routes would be kept to a minimum. Any required compensatory habitat creation, habitat re-instatement and improvement measures are detailed in and secured by the **Outline LEMP [EN010157/APP/7.5]**.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]** **Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
135.	Pre-construction surveys to determine whether great		Pre-construction/ Site clearance and preparation		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	crested newts are present will be undertaken to confirm the assumed absence of great crested newts.. Pre-construction surveys will entail a Habitat Suitability Index survey of all ponds within 250m of the grid connection cable route and the pond newly identified in 2024 within Field C4 in Land Area C and a repeat eDNA survey of all previously surveyed ponds. Should the presence of great crested newt be confirmed, the Proposed Development is likely to make use of either the East Riding of Yorkshire District Level Licensing Scheme for great crested newt or a low impact class licence from Natural England.		Construction													**Outline LEMP [EN010157/APP/7.5]**		**[EN010157/APP/6.2], Section 7.8**	
136.	Any vegetation clearance or ground clearance (if suitable for ground nesting birds) during the nesting season (March to August inclusive) would be checked for the presence of nesting birds by a suitably qualified ecologist immediately prior to and during works. In the unlikely event of ground nesting birds being present, then a suitable offset distance would be agreed with the site ecologist and no works undertaken within the offset distance until the chicks have fledged.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
137.	116 hectares of ground nesting bird habitat will be created within the Order Limits to provide habitat without solar PV modules for ground nesting birds, as shown in **ES Volume 3, Figure 7.1: Designated Sites and Ecological Mitigation and Enhancement Areas [EN010157/APP/6.3]**. All the mitigation areas are either close to or above 2.5 ha in size to ensure the areas have extensive sightlines and the three areas designed for golden plover and lapwing (Mitigation Area 9, 11 and 13) have only one boundary adjacent to solar PV modules areas, therefore maintaining the open landscape that these species require. These areas will be sown to a grassland sward and managed with a late summer cut or grazing		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	after the end of the bird breeding season, as detailed in and secured by the **Outline LEMP [EN010157/APP/7.5]**.																		
138.	In the period before construction works and prior to the start of the bird breeding season, grass or remnant arable within the fields would be kept low (no higher than 200mm above ground) to reduce the risk of ground nesting birds using the fields as well as improving visibility of any nest sites. The vegetation would be kept low by regular mowing under the supervision of the suitably qualified ecologist until construction works commence.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
139.	Measures to repel nesting birds would be implemented if required, such as installing wind powered bird spinners within the centre of fields due to be impacted between the months of March and July. Care would be taken when implementing the measures to prevent impact to other species including, bird species listed on Schedule 1 of the Wildlife and Countryside Act 1981 (as amended), non-ground nesting birds using undisturbed habitat and otters.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
140.	A suitably qualified ecologist would prepare a bird Species Protection Plan (secured by the **Outline CEMP [EN010157/APP/7.2]**) and other appropriate documents to ensure all contractors know where any identified active nest sites are and the appropriate offset distances that have been put in place. Monitoring would be undertaken on a regular basis throughout the nesting bird season to ensure all nests are logged and monitored.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
141.	The **Outline CEMP [EN010157/APP/7.2]** details and secures measures to mitigate effects on bats such as the requirement for generators and/or welfare cabins to be switched off at night and not positioned within 30m of trees or structures suitable for roosting bats. If generators and/or welfare cabins are required at night, then they would be positioned		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	at least 10m from linear features such as ditches and hedgerows, which could be used as potential bat flight lines. Acoustic barriers would also be installed around generators and/or site cabins as necessary.																		
142.	A suitably qualified ecologist would be responsible for assessing potential disturbance to roosting bats during each work activity.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
143.	Where generators/site cabins are required overnight, then they would be positioned a minimum of 50m from watercourses.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
144.	Where lighting is required, it would conform to best practice guidelines with respect to minimising light spill into adjacent habitats to prevent disturbance to bats. Throughout construction, the use of motion detection or manually operated lighting would be used to avoid constant lighting and the inward/downward direction of light would avoid light spill on to adjacent hedgerows, woodlands, field margins and ditches, which are likely to be used by bats. Infrared sensor-triggered security lighting would be used to avoid impacts on bats.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
145.	All sections of hedgerow which are to be removed during the bat activity season (April to October) which are 10m long or greater, would have appropriate mitigation to maintain linear connectivity for foraging/commuting bats. This would involve the temporary installation of structures in hedgerow gaps mimicking the hedgerow structure which bats could use for echolocation when commuting e.g. a double row of 'heras' type fencing with camouflage type netting on top or filled with brash. To ensure the temporary structures are moveable, heras gates would be used rather than fencing. This mitigation would be installed immediately after hedge removal (if in the bat activity season of April to October) and left in place until works are completed. If the mitigation needs to be		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	removed for works, such as to allow passage of construction traffic, then the mitigation would be re-instated at the end of each day.																		
146.	The temporary structures within the hedgerow gaps would be retained until any new or replacement hedgerow is sufficiently established to be used by bats as an effective flightline.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
147.	A number of ditches would be crossed by cable or internal trackways (c. 4m width). As these ditch crossings are less than 10m wide, fragmentation of this linear habitat is not likely to impact foraging or commuting behaviour of bats, and no additional mitigation is proposed.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
148.	An Arboricultural Method Statement will be compiled prior to construction of the Proposed Development commencing, detailing the exact location and nature of protective fencing, tree pruning, signage, timings and methods of works and other protection measures. All site operatives must be made aware of the nature of the protection detailed in the Arboricultural Method Statement and it should remain in place throughout construction. The roles and responsibilities for implementation and monitoring of measures in the Arboricultural Method Statement will be detailed in the Construction Environmental Management Plan.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
149.	For the three veteran trees that are within or adjacent to the Order Limits in locations where access routes are proposed, where it is not possible to retain a 15m offset from any works, tree protection fencing will be installed prior to works commencing and, where relevant, works will be undertaken under arboricultural supervision and 'no dig' construction methods will be used to protect the soil from compaction and minimise root impacts. Further details will be provided in the Arboricultural Method		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	Statement, which will be produced prior to construction of the Proposed Development commencing.																		
150.	Should any trees identified as being suitable for roosting bats require removal (considered unlikely), then tree climbing or emergence surveys would be carried out prior to construction works to determine if bats are present. In the unlikely event that roosting bats are identified, then works would cease, consultation with Natural England would occur and appropriate licences and mitigation would be agreed.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
151.	In addition to any licencing requirements, a variety of bat boxes would be installed in suitable locations on trees within hedges, individual trees or woodland, to improve roosting opportunities. Final types and numbers of bat boxes are detailed in and secured by the **Outline LEMP [EN010157/APP/7.5]**.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]** **Outline LEMP [EN010157/APP/7.5]**.	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
152.	In the event water vole burrows or an otter holt or resting place is identified, appropriate mitigation would be implemented prior to the relevant construction works commencing. Consultation with Natural England and appropriate mitigation licences would be obtained, if required. This would be in addition to a riparian mammal Species Protection Plan for the Proposed Development.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
153.	The **Outline CEMP [EN010157/APP/7.2]** details and secures control measures and additional details via a subsequent riparian mammal Species Protection Plan, to be implemented during construction to protect watercourses.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
154.	Appropriate management and monitoring of created and improved habitats would be required for a period of 30 years (as required by the Environment Act 2021 to ensure successful establishment and condition. The habitat management and monitoring regime is detailed in and secured by the **Outline LEMP [EN010157/APP/7.5]**. This includes management of		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	ecological mitigation and enhancement areas, hedgerows, grassland, field margins, watercourses and treatments under solar PV modules. As the operation life of the Proposed Development is 40 years, the Landscape and Ecological Management Plan will be reviewed after 30 years to ensure the management prescriptions are still appropriate.																		
155.	Reasonable avoidance measures, including appropriate offset distances (of up to 30m) around any identified badger setts, or trees with bat roost potential (an offset distance of at least 10m) would be maintained throughout operation (including maintenance).		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
156.	Pipe culverts will be used within watercourses which infrequently contain water. Culverts will provide as much light penetration as possible at the culvert inlets and outlets to encourage use by water vole and otter. Riparian vegetation will be included at the entry to an exit of culverts to provide transitional light levels for species using these and avoid startling the species (including otter) using these structures.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
157.	Regular checks of fencing and culverts during maintenance visits by appropriately trained staff would occur to ensure mammal access points remain operational. Details regarding the fence, culvert and mammal gate checks are detailed in and secured by the **Outline LEMP [EN010157/APP/7.5]**.		Pre-construction/ Site clearance and preparation Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
158.	The ecological mitigation and enhancement areas will be managed throughout the operation (including maintenance) phase, as detailed in and secured by the **Outline OEMP [EN010157/APP/7.3]**. Appropriate management of the ecological mitigation and enhancement areas with scrapes will allow Humber Estuary SPA/Ramsar site qualifying bird species to continue to use the Site.		Operation		**X**											**Outline OEMP [EN010157/APP/7.3]**.	Operation by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
159.	The ecological mitigation and enhancement areas are outside the main solar PV		Operation		**X**											**Outline OEMP [EN010157/APP/7.3]**	Operation by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	module areas. There is no work anticipated which will directly impact the mitigation areas for Humber Estuary SPA species apart from habitat management, as detailed in and secured by the **Outline OEMP [EN010157/APP/7.3]** and **Outline LEMP [EN010157/APP/7.5]**. Mitigation Area 17 within Land Area F will be used as a construction compound during the construction phase but will be converted to flower-rich neutral grassland once construction within Land Area F is completed. There is no work anticipated which will directly impact other areas of ecological mitigation and enhancement areas will be apart from habitat management, as detailed in and secured by the **Outline OEMP [EN010157/APP/7.3]** and **Outline LEMP [EN010157/APP/7.5]**.															**Outline LEMP [EN010157/APP/7.5]**.		**[EN010157/APP/6.2], Section 7.8**	
160.	During operation (including maintenance), any required management would be undertaken in accordance with legislative requirements to avoid harm to ground nesting birds. Where possible, livestock will be used to manage vegetation sward height. The use of livestock will reduce the potential risk of disturbance to species which may use the habitat underneath and adjacent to the solar PV modules. Work within areas assessed as suitable for ground nesting birds will be avoided during the nesting bird season. However, if this is not possible, appropriate surveys (detailed and secured by the **Outline OEMP [EN010157/APP/7.3]**) will be undertaken prior to works to determine appropriate mitigation and precautionary working measures to prevent disturbance to ground nesting birds. Appropriate surveys may include nesting bird checks and supervision by a suitably qualified ecologist		Operation		**X**											**Outline OEMP [EN010157/APP/7.3]**	Operation by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
161.	During operation (including maintenance), no part of the Proposed Development would		Operation		**X**											**Outline OEMP [EN010157/APP/7.3]**	Operation by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity**	

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	be continuously lit; manually operated and motion detection lighting would be used for operational and security purposes. Lighting would be used only at entrances or gates, or within compounds, and would only be operated when required for safe working or security. The use of infrared sensor-triggered security lighting, required around key electrical infrastructure, avoids the need for permanent lighting and the inward/downward direction design of lighting would avoid light spill on to adjacent hedgerows, woodlands, field margins and wet ditches likely to be used by bats.																	**[EN010157/APP/6.2], Section 7.8**	
162.	The **Outline DEMP [EN010157/APP/7.4]** details and secures measures to mitigate and manage decommissioning related effects on biodiversity, including measures to prevent air, water, light and noise pollution and avoid disturbance to sensitive species.		Decommissioning		**X**											**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
163.	Prior to decommissioning, updated surveys, where required (for example for badgers), would be undertaken in sufficient time in advance of works to ensure that appropriately timed mitigation can be carried out.		Decommissioning		**X**											**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
164.	Ecological mitigation and enhancement areas would be handed back to the relevant landowners. Consultation with appropriate stakeholders and landowners would be undertaken in advance of the decommissioning phase to discuss opportunities to maintain and manage the ecological mitigation and enhancement beyond the lifespan of the Proposed Development, as appropriate.		Decommissioning		**X**											**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
165.	Measures to mitigate the risk of reversing the benefits on water quality/hydrology from the solar farm, should the habitats within the Order Limits be returned to intensively farmed arable land, are detailed in and secured by the **Outline DEMP [EN010157/APP/7.4]**. Such measures include the retention of planted		Decommissioning		**X**											**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	watercourse easements and offset distances, utilisation of good land management practices such as tillage, crop rotation and maximising grass cover to retain good soil health and percolation benefits and minimising the use of artificial fertilisers or pesticides.																		
166.	The **Outline DEMP [EN010157/APP/7.4]** details and secures control measures that would be implemented during decommissioning to reduce the potential risk of disturbance and displacement of Humber Estuary SPA/Ramsar site qualifying bird species, such as pre-decommissioning surveys to determine appropriate mitigation. Landowners and appropriate stakeholders will be engaged prior to decommissioning to discuss the options available to retain the ecological mitigation and enhancement areas. Pre-decommissioning surveys will determine the appropriate mitigation if any of these areas are to be removed and returned to agricultural land.		Decommissioning		**X**											**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
167.	The **Outline DEMP [EN010157/APP/7.4]** details and secures control measures that would be implemented during decommissioning to reduce the potential risk of impact to ground nesting birds. Work within areas which is likely to cause an impact to ground nesting birds, such as within the ecological mitigation and enhancement areas, will be undertaken outside the nesting bird season whilst also avoiding the peak wintering bird season.		Decommissioning		**X**											**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	
168.	The **Outline DEMP [EN010157/APP/7.4]** details and secures control measures that would be implemented during decommissioning to reduce the potential risk of impact to foraging and commuting bats. The **Outline DEMP [EN010157/APP/7.4]** includes measures such as no night-time (19:00 to 07:00) working (unless otherwise agreed with East Riding of Yorkshire Council) and directing any lighting away from boundary habitats and		Decommissioning		**X**											**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2 Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	areas likely to be used by foraging and commuting bats. Prior to decommissioning, bat monitoring surveys will be undertaken to determine whether bats are using the solar PV module areas for foraging and commuting. The information gathered from these surveys would be used to determine the level of mitigation required to prevent the decommissioning of the Proposed Development having a significant effect on foraging and commuting bats.																		
169.	The use of concrete would be minimised, where reasonably practicable.		Procurement Construction			X										**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 8: Climate [EN010157/APP/6.2], Section 8.6**	
170.	Infrared sensor-triggered security lighting would be required around key electrical infrastructure. No areas of the Proposed Development would be continuously lit.		Procurement Pre-construction/Site clearance and preparation Construction			X										**Outline CEMP [EN010157/APP/7.2]** **Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Principal Contractor	**ES Volume 2, Chapter 8: Climate [EN010157/APP/6.2], Section 8.6**	
171.	Members of the supply chain will provide a carbon reduction plan where necessary, allowing for the optimisation of emissions associated with the supply chain.		Procurement			X										**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 8: Climate [EN010157/APP/6.2], Section 8.8**	
172.	Implementing measures to decrease fuel use by maximising energy efficiencies, for example to ensure all vehicles switch off engines when stationary and ensure vehicles are well maintained and conform to current emissions standards		Pre-construction/Site clearance and preparation Construction Operation (including maintenance) Decommissioning			X										**Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]** **Outline DEMP [EN010157/APP/7.4]**	Construction, operation, and decommissioning by the Principal Contractor and operations team	**ES Volume 2, Chapter 8: Climate [EN010157/APP/6.2], Section 8.8**	
173.	Promoting the use of sustainable fuels in vehicles, and where possible making use of electric vehicles to reduce fuel consumption.		Pre-construction/Site clearance and preparation Construction Operation (including maintenance) Decommissioning			X										**Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]** **Outline DEMP [EN010157/APP/7.4]**	Construction, operation, and decommissioning by the Principal Contractor and operations team	**ES Volume 2, Chapter 8: Climate [EN010157/APP/6.2], Section 8.8**	
174.	Using locally sourced and/or produced materials. The use of recycled aggregates, where appropriate, for foundations, subbases, hard-standings and pavement materials.		Pre-construction/Site clearance and preparation Construction Operation (including maintenance)			X										**Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]**	Construction, and operation by the Principal Contractor and operations team	**ES Volume 2, Chapter 8: Climate [EN010157/APP/6.2], Section 8.8**	
175.	Actions to meet the waste hierarchy in accordance with the principles of the Government's Resources and waste strategy for England 2018. Promoting the recycling of materials by segregating construction waste to be re-		Pre-construction/Site clearance and preparation Construction Operation (including maintenance) Decommissioning			X										**Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]** **Outline DEMP [EN010157/APP/7.4]**	Construction, operation, and decommissioning by the Principal Contractor and operations team	**ES Volume 2, Chapter 8: Climate [EN010157/APP/6.2], Section 8.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	used and recycled where practical.																		
176.	Ensure that there is coordination with construction staff on measures to minimise the GHG emissions associated with commuting during construction. Such measures include provision of staff minibuses and promoting lower carbon modes of travel such as car sharing options and use of public transport.		Pre-construction/Site clearance and preparation Construction			X										**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**ES Volume 2, Chapter 8: Climate [EN010157/APP/6.2], Section 8.8**	
177.	No solar PV modules or other infrastructure will be erected in Field E6 and parts of Fields E7 and E9, which border Meaux Duck Decoy Scheduled Monument.	N/A	Pre-construction/Site clearance and preparation				X									**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Sections 9.6**	
178.	There will be an offset from solar PV development of 100m to the south of Meaux Abbey Scheduled Monument, meaning no solar PV modules or other infrastructure will be erected in the northern parts of Fields F1, F4, F5 and F6.	N/A	Pre-construction/Site clearance and preparation				X									**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Sections 9.6**	
179.	No solar PV development will be erected in Field B3, where non-designated heritage asset HER MHU13283 (site of sluice east of Monk Dike) is located.	N/A	Pre-construction/Site clearance and preparation				X									**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Sections 9.6**	
180.	No solar PV development will be erected in parts of Fields B4, B8, F6 and F9-F11, where probable below-ground archaeology is located (HA2, HA3 and HER MHU3593 (Riston Carr House Enclosures)). There will also be an offset of 20m around the areas of identified below-ground remains within those aforementioned fields.	N/A	Pre-construction/Site clearance and preparation				X									**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Sections 9.6**	
181.	No solar PV development will be erected in Field D18, where non-designated heritage asset HER MHU1514 (Meaux Deserted Medieval Village) is located.	N/A	Pre-construction/Site clearance and preparation				X									**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Sections 9.6**	
182.	The mounting structures will be fixed to the ground by galvanized steel poles which are typically driven into the ground to a maximum depth of 2m. Where further work identifies the need for archaeological protection, an alternative mounting structure will be proposed, in the form of ballast slabs which sit on the surface rather than penetrating the ground.	N/A	Pre-construction/Site clearance and preparation				X									**Archaeological Management Strategy (AMS) [EN010157/APP/7.11]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Sections 9.6**	
183.	A Written Scheme of Investigation to be prepared	That the Archaeological	Procurement				X									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	by the appointed archaeological contractor should be substantially in accordance with th **Outline Archaeological Management Strategy [EN010157/APP/7.11]** and agreed with East Riding of Yorkshire Council prior to construction commencing. Historic England will be consulted in relation to the trial trenching in Field E6, where bird scrapes are proposed.	Written Scheme of Investigation is adhered to and that any post-excavation analysis and reporting is conducted in accordance with the Written Scheme of Investigation (or subsequently agreed amendments to this).																**[EN010157/APP/6.2], Sections 9.8 and 9.11**	
184.	Physical impacts to known and currently unknown archaeological remains within the Order Limits will either be avoided or the remains will be characterised and recorded prior to their disturbance.		Pre-construction/Site clearance and preparation Construction				**X**									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
185.	The appointed Archaeological Contractor will be permitted access to the Site, following identification of relevant hazards, restrictions, permits and relevant qualifications. Access will be arranged by the Applicant in advance of all archaeological works.		Pre-construction/Site clearance and preparation Construction				**X**									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
186.	Machine excavation will be under the instruction of a sufficiently experienced and qualified archaeologist, with mechanical excavators equipped with a toothless ditching bucket and under constant archaeological supervision. The archaeological features and deposits encountered will be excavated by hand, and hand cleaning will also replace mechanical excavation in all instances where very sensitive features or finds are encountered to prevent unnecessary damage.		Pre-construction/Site clearance and preparation Construction				**X**									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
187.	Exposed archaeology must be investigated sufficiently to establish its nature, extent and date, unless deemed to be of sufficient importance to require preservation in-situ, in which case the Development Management Archaeologist for East Riding of Yorkshire Council & Hull City Council should be contacted to discuss any additional measures. Sampling of archaeological features will be dependent on feature type but will be sufficient to enable a basic understanding of the feature.		Pre-construction/Site clearance and preparation Construction				**X**									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
188.	The depth and complexity of archaeological features and deposits within each area exposed will be ascertained, unless Health, Safety and Environment constraints deem otherwise. Where features cannot be hand excavated, the Applicant and the Development Management Archaeologist for East Riding of Yorkshire Council & Hull City Council will be consulted.		Pre-construction/Site clearance and preparation Construction				X									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
189.	All excavated archaeological contexts will be recorded in full through provision of detailed written context records, which will include details of extent, location, relationships, samples, finds, and cross-references to any relevant contexts.		Pre-construction/Site clearance and preparation Construction				X									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
190.	In addition, all finds and environmental samples will be retained and recorded in order to provide dates and assist in the interpretation of form and function of any archaeological features or deposits identified.		Pre-construction/Site clearance and preparation Construction				X									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
191.	All finds and samples will be collected and treated in accordance with the relevant guidance.		Pre-construction/Site clearance and preparation Construction				X									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
192.	Any discovered human remains should in the first instance be left in-situ, covered and protected. The Applicant should be informed immediately of such a discovery. The Applicant will inform East Riding of Yorkshire Council & Hull City Council and the local Coroner.		Pre-construction/Site clearance and preparation Construction				X									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
193.	In the event of discovery of artefacts covered or potentially covered by Treasure Act 1996, these will be removed and reported to the Applicant who will inform the local Coroner according to the procedures relating to the Treasure Act 1996, East Riding of Yorkshire Council & Hull City Council and the Finds Liaison Officer.		Pre-construction/Site clearance and preparation Construction				X									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
194.	The results of any reporting will be uploaded onto the online OASIS form at http://oasis.ac.uk/ and once the reporting is in the public domain by submission to the Humber Historic Environment Record and Historic England National Record of the Historic Environment (NRHE). East Riding of Yorkshire Council &		Pre-construction/Site clearance and preparation Construction				X									**Outline AMS [EN010157/APP/7.11]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	Hull City Council will validate the appropriate OASIS form.																		
195.	All work will be carried out in accordance with the Health and Safety at Work etc. Act 1974 and the Management of Health and Safety Regulations 1992, and all other relevant Health and Safety legislation, regulations and codes of practice in force at the time for the fieldwork. Prior to commencement of the archaeological works, a risk assessment and method statement for the work will be prepared and submitted to the Applicant for review and acceptance. A copy can be issued to East Riding of Yorkshire Council & Hull City Council if required. Personal Protective Equipment requirements will be subject to review by the Applicant; however, these will be in in line with Health and Safety requirements and will be confirmed following the appointment of an Archaeological Contractor.		Pre-construction				X									**Outline AMS [EN010157/APP/7.11]**	Pre-construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
196.	Post-consent archaeological monitoring of the installation of an access road and temporary compound in Land Area F which encroaches into the footprint of heritage asset HA3		During construction				X									**Outline AMS [EN010157/APP/7.11]**	Pre-construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
197.	Following any geophysical survey, a programme of trial trenching must be carried out within the footprints of the solar PV modules, the interconnecting cable routes, the grid connection cable route and those trenches in Land Areas D and E which were not able to be excavated during the pre-determination evaluation trial trenching (Trenches 37 - 43 in Land Area D and Trenches 87 and 89 in Land Area E). Additional trenching will be required in Field E6, where bird scrapes are proposed, due to the Field's proximity to NHLE 1015305 (Meaux Duck Decoy, 420m south west of Meaux Decoy Farm.		During construction				X									**Outline AMS [EN010157/APP/7.11]**	Pre-construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
198.	Where strip, map and sample and/or archaeological excavation is required, the extent of areas requiring a strip, map and sample or archaeological excavation will be agreed (with consideration		During construction				X									**Outline AMS [EN010157/APP/7.11]**	Pre-construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	of the results of the post-consent evaluation works) with the Development Management Archaeologist for East Riding of Yorkshire Council & Hull City Council, prior to construction commencing. This will be presented in a Written Scheme of Investigation which will be submitted to the East Riding of Yorkshire & Hull City Council for approval.																		
199.	Traffic management measures to reduce or avoid changes to the setting of heritage assets arising from construction vehicles. To be confirmed with and monitored by the Conservation Team Leader for East Riding of Yorkshire & Hull City Council and Historic England.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s).	Pre-construction/Site clearance and preparation Construction				**X**									**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
200.	The Proposed Development will incorporate information boards on the heritage of the local area, in the vicinity of, and to allow public access to, Scheduled Monuments NHLE 1007843 (Site of Meaux Cistercian Abbey) and NHLE 1015305 (Meaux Duck Decoy, 420m south west of Meaux Decoy Farm).	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s).	Pre-construction/Site clearance and preparation				**X**									**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
201.	Cover decommissioned solar farm infrastructure when in transit to avoid or reduce the ingress of dust into the scheduled and listed areas.	Monitoring to be confirmed with the relevant Local Planning Authority prior to decommissioning commencing	Decommissioning				**X**									**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
202.	Cover the eastern elevation of NHLE 1103426 (Meaux Abbey Farm) with protective sheeting or fencing and/or window protection film during the decommissioning phase to avoid or reduce impacts by dust arising from decommissioning vehicles and groundworks subject to engagement with Historic England and any necessary consents being secured. Additional protective measures, such as the installation of high temporary solid gateways at the asset's currently open entrances, could also be considered.	Monitoring to be confirmed with the relevant Local Planning Authority prior to decommissioning commencing	Decommissioning				**X**									**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
203.	Install high temporary solid fencing subject to engagement with Historic England and any necessary consents being secured during the decommissioning phase to	Monitoring to be confirmed with the relevant Local Planning Authority prior to	Decommissioning				**X**									**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	prevent dust entering the western grounds of NHLE 1346995 (Wawne Grange).	decommissioning commencing																	
204.	Dampen dust created during decommissioning works to avoid or reduce the ingress of dust into the scheduled and listed areas.	Monitoring to be confirmed with the relevant Local Planning Authority prior to decommissioning commencing	Decommissioning				X									**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
205.	Traffic management measures to reduce or avoid changes to the assets' setting arising from maintenance vehicles will be included in the Decommissioning Traffic Management Plan.	Monitoring to be confirmed with the relevant Local Planning Authority prior to decommissioning commencing	Decommissioning				X									**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
206.	Measures to reduce or avoid physical impacts to known and potential non-designated heritage assets within the Order Limits, such as by removing the mounting frame for the solar PV modules at the same angle as they were inserted, will be included in the Decommissioning Environmental Management Plan(s).	If required, monitoring measures will be identified in the Decommissioning Environmental Management Plan(s).	Decommissioning				X									**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
207.	Cable ploughing will be utilised where ground conditions and other site factors allow. Where this is not possible, other methods such as open cut trenching or Horizontal Directional Drilling will be used.		Pre-construction/Site clearance and preparation Construction													**Outline CEMP [EN010157/APP/7.2]**	Pre-construction and construction by the Applicant	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.6**	
208.	Where not used for solar PV development, the use of non-BMV (best and most versatile) land has been prioritised for the areas of environmental mitigation and enhancement, where reasonably practicable.		Pre-construction/Site clearance and preparation					X								**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.6**	
209.	Measures to manage and mitigate against effects relating to groundwater, erosion and contaminated land, together with emergency procedures to allow appropriate management of accidental spillages and leaks and contaminated land risks, are detailed in and secured by the **Outline CEMP [EN010157/APP/7.2]**. This includes reference to the Environment Agency guidance documents relating to protection of groundwater.		Pre-construction/Site clearance and preparation Construction					X								**Outline CEMP [EN010157/APP/7.2]**	Construction and decommissioning by the Principal Contractor and operations team	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
210.	An Emergency Response Plan will be developed to provide a framework for responding to environmental incidents and emergencies.	Records will be maintained relating to routine inspections, investigations, corrective actions and action schedules.	Pre-construction/Site clearance and preparation Construction					X								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor and operations team	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
211.	Good housekeeping and site maintenance will be required, including management of materials and waste.		Pre-construction/Site clearance and preparation Construction					X								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor and operations team	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
212.	Best practice measures will be adhered to in order to reduce pollution.		Pre-construction/Site clearance and preparation Construction					X								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor and operations team	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
213.	Records will be maintained relating to routine inspections, investigations, corrective actions and action schedules.		Pre-construction/Site clearance and preparation Construction					X								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor and operations team	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
214.	Measures to manage and mitigate against erosion and contaminated land, together with emergency procedures to allow appropriate management of accidental spillages and leaks and contaminated land risks, will protect land and soil receptors. These are detailed in and secured by the **Outline CEMP [EN010157/APP/7.2]**.		Pre-construction/Site clearance and preparation Construction					X								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor and operations team	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
215.	Measures to manage any potential impacts to soil (and agricultural land) during and on completion of the construction phase are detailed in and secured by the **Outline SMP [EN010157/APP/7.8]**. The **Outline SMP [EN010157/APP/7.8]** also identifies those areas within the Site which may be more susceptible to damage, for example, where installation of cables is to be undertaken, the locations of temporary access tracks, areas of piling activities, construction compounds and steep slopes; and sets out details of when soil handling should be avoided (for example, when it is wet or after periods of heavy rainfall or high winds) and advises on when soils are suitable for being handled or trafficked. The **Outline SMP [EN010157/APP/7.8]** also includes requirements to avoid working in unsuitable conditions (as defined by the Plan), to utilise low ground pressure vehicles (tracked vehicles or vehicles fitted with tyres designed to operate at low inflation pressures) wherever possible and to install gravel access tracks early on to avoid unnecessary		Pre-construction/Site clearance and preparation Construction					X								**Outline CEMP [EN010157/APP/7.2]** **Outline SMP [EN010157/APP/7.8]**	Construction by the Principal Contractor and operations team	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	trafficking on agricultural soils, or use track matting where needed in the early stages of construction. The **Outline SMP [EN010157/APP/7.8]** also sets out measures for soil management and follows the principles of best practice to maintain the physical properties of the soil.																		
216.	It is proposed that push piling techniques will be used for elements of the substation infrastructure. A piling risk assessment (secured by the **Outline CEMP [EN010157/APP/7.2]**) may be required for this aspect of construction works.		Pre-construction/Site clearance and preparation Construction					**X**								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor and operations team	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.8** **ES Volume 2, Chapter 7: Biodiversity [EN010157/APP/6.2]**	
217.	A Piling Risk Assessment will be prepared, if piling is required as part of the Proposed Development.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s).	Pre-construction/Site clearance and preparation Construction					**X**								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor and operations team	**Outline CEMP [EN010157/APP/7.2]**	
218.	Use of non-Best and Most Versatile agricultural land will be prioritised for the areas of environmental mitigation and enhancement where reasonably practicable	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s).	Pre-construction/Site clearance and preparation Construction					**X**								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor and operations team	**Outline CEMP [EN010157/APP/7.2]**	
219.	When soil, aggregates or fill material are imported, it must be ensured that it is from a certified clean source and is suitable for use.	If required, monitoring measures will be identified in the Construction, Operational and Decommissioning Environmental Management Plan(s).	Pre-construction/Site clearance and preparation Construction Decommissioning					**X**								**Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]** **Outline DEMP [EN010157/APP/7.3]**	Construction, operation, and decommissioning by the Principal Contractor and operations team	**Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]** **Outline DEMP [EN010157/APP/7.3]**	
220.	Any potential mitigation measures or remediation works that are determined to be necessary, once an assessment of site investigation results has been completed, will be undertaken.	If any monitoring relating to contaminated land or groundwater is necessary, the requirements for these will be agreed in discussions with East Riding of Yorkshire Council.	Pre-construction/Site clearance and preparation Construction					**X**								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
221.	The following measures will be taken, as a minimum, with regard to safe and responsible fuel storage: • Fuel levels shall be monitored and recorded regularly (sudden changes may be a sign of leaks). • Fuel tanks, secondary containers and storage compounds shall be inspected regularly for damage, corrosion, leaks, faults and vandalism.	The activities undertaken during the construction phase will be audited against the requirements of the Construction Environmental Management Plan(s) and the Soil Management Plan by the Principal Contractor to ensure adherence.	Pre-construction/Site clearance and preparation Construction					**X**								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	Repair defects/faults immediately and retain records. • The secondary containment system must provide storage for at least 110% of the tanks maximum capacity and ensure that any valves, filters, sight gauges, vent pipes or other ancillary equipment are also situated within the secondary containment system and arranged so that any discharges would be contained. • Fully lockable and labelled 'Fuel Safe Static Tank' will be deployed. • Sufficient spill kits will be provided. Spill kit supply to be monitored regularly to ensure adequate stock remains full. • Spill kits will be available within each plant onsite and located close to identified pollution sources or sensitive receptors (fuel storage areas, water course crossings, etc.). • All drains located adjacent or near to refuelling points shall be covered by a drain guard before commencing transfer. All fuel transfers to be supervised. • Drums must be stored in a secure interceptor drum store within the designated refuelling area. • Oil spill and oil impacted water must be collected in a fuel safe container with fuel tags. Fuel spills must be contained using the spill kits provided, spills should be reported to the Principal Contractor's Site Manager immediately. • Records must be maintained of all environmental incidents, mitigation works, clean up method and validation. A suitable container for hazardous wastes must be																		

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	provided within the waste compound.																		
222.	The following measures will be taken, as a minimum, with regard to safe and responsible refuelling: • Where possible, refuelling should only be carried out in a designated area, which will be secured/locked out of hours. • The refuelling area shall be located away from drains and watercourses (>10m from a watercourse and >50 meters from a spring, well or borehole). • Areas of permanent waste oil/fuel/chemical storage will be located 50m away from watercourses or drainage paths. Where this is not possible, advice will be sought from the ECoW and a minimum distance will be agreed with the Applicant. • Refuelling will always be supervised by a competent supervisor. Mobile plant must be refuelled away from surface waters, drains, permeable pavements and open excavations. A fuel drip tray must be used.	The activities undertaken during the construction phase will be audited against the requirements of the Construction Environmental Management Plan(s) and the Soil Management Plan by the Principal Contractor to ensure adherence.	Pre-construction/Site clearance and preparation Construction					X								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
223.	The following measures will be taken, as a minimum, with regard to safe and responsible use and storage of hazardous materials/substances; • Concrete wash-out onsite shall only be permitted when the Principal Contractor has provided a designated, suitably prepared wash-out area with signage identifying the area as suitable for wagon wash-out. • Concrete wash-out may be dried and crushed to be re-used on Site or disposed of in accordance with a Site Waste Management Plan. Surplus dry concrete, cement and grout is to be collected and reused where reasonably practicable e.g., as inert	The activities undertaken during the construction phase will be audited against the requirements of the Construction Environmental Management Plan(s) and the Soil Management Plan by the Principal Contractor to ensure adherence.	Pre-construction/Site clearance and preparation Construction					X								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	rubble; reuse of dried materials may require environmental permits or exemptions. • Areas of permeable pavements are not to be used for the temporary storage of cement bags. If unavoidable ensure adequate protection measures are in place to prevent the pavement from becoming blocked. • The Principal Contractor is responsible for carrying out a risk assessment of each substance and ensuring that all appropriate storage, protective equipment and if necessary, emergency procedures are put in place on Site. • All hazardous materials shall be labelled, sealed and stored with their COSHH assessment in a bunded and lockable container away from drains and watercourses when not in use. • COSHH datasheet will be read and understood before using any hazardous materials. • Any spent (contaminated) spill kits, absorbent granules, sheets or fibres must be disposed of in accordance with COSHH regulations and Site Waste Management Plan requirements. • Hazardous liquids shall be transferred using a funnel and drip tray and sealed and returned to the container immediately after use. Damaged containers shall be reported to the Site Manager. • All usages of hazardous liquids shall comply with its requirements for safe handling and storage. • Hazardous liquids must be re-sealed after use. Empty containers are to be disposed of to the																		

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	designated container within the waste compound. Construction workers are required to wear PPE such as gloves and face masks (where appropriate) to prevent dermal contact and inhalation or ingestion.																		
224.	The following measures will be taken, as a minimum, with regard to safe and responsible site set up, groundwork and construction: • Minimise the use of builders skips and inspect lifting and locking points, doors and door locks and general condition weekly as minimum. • Ordered materials shall be adequately managed to avoid spoilage or overordering and surplus materials shall be minimised: provide a suitable and sufficiently sized materials storage compound that is lockable and provides an above-ground covered area, protected from wind and rain. Encourage the reuse of cut-offs and arrange for suppliers to take back unused surplus materials and packaging. Storage compounds will be located away from any identified water features. Surplus materials are to be reused onsite where reasonably practicable. All reuse and recycling to be carried out in accordance with the terms of a valid waste exemption or voluntary codes of practice/protocols. • Excavated material surplus shall be minimised so far as practicable; details of all inert material reuse onsite including composition and disposal location must be mapped and records retained. • If necessary temporary bunding and/or settlement ponds will be installed to allow for isolation and	The activities undertaken during the construction phase will be audited against the requirements of the Construction Environmental Management Plan(s) and the Soil Management Plan by the Principal Contractor to ensure adherence.	Pre-construction/Site clearance and preparation Construction					X								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

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	onsite treatment of any sediment laden or contaminated water prior to discharge to the drainage system. • Spill kits capable of dealing with hydrocarbon and chemical spills shall be available at all worksites. Each storage location shall be clearly visible to the workforce, for instance by deploying clear signage. • If a construction compound, fuel storage point or COSHH store is provided then additional spill kits will need to be available at each separate location. • The spill kit contents shall include absorbent pads, absorbent booms, absorbent granules and hazardous waste disposal sacks as a minimum. Regular checks of the spill kits shall be completed to ensure they remain adequately stocked to deal with environmental incidents. Spill drills shall be performed periodically to confirm that the workforce can effectively contain and clear up potentially polluting spillages. All drills will be documented and details kept on record for the duration of the works.																	
225.	The following measures will be taken, as a minimum, with regard to spillages and leaks: • All pollution incidents should be managed through the STOP – CONTAIN – NOTIFY concept. • STOP: Immediately stop the discharge to prevent further spread to drainage, waterbody or ground. • CONTAIN: Control the spill to prevent environmental impact, such as by stopping works or using containment material. Personal safety take priority, especially if the spill substance is unknown.	The activities undertaken during the construction phase will be audited against the requirements of the Construction Environmental Management Plan(s) and the Soil Management Plan by the Principal Contractor to ensure adherence.	Pre-construction/Site clearance and preparation Construction					**X**								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	• NOTIFY: Promptly inform the appropriate authorities and contacts e.g. Environment Agency and the Applicant. • Oil, Fuel or Chemical Spill to Ground: ➢ Wearing protective clothing, stop release at the source and secure the area. ➢ Create temporary bunds to contain the spill if it is migrating. ➢ Protect nearby drains/ditches using drain seals or spill kit materials. ➢ Absorb the spill with granules or pads from the spill kit. • Notify the Environment Agency with details on time, type/quantity, location, and site contact information. ➢ Inform the Applicant and Local Planning Authority if required under Environmental Damage Regulations. ➢ Keep containment in place until contamination is assessed and a remediation strategy is developed. • Oil, Fuel or Chemical Spill to Waterbody: ➢ Wearing protective clothing, prevent further release at source and contain the spill. ➢ Deploy booms from the spill kit across the water to stop spread; tie them to banks and add more as needed. ➢ Notify the Environment Agency with discharge details and inform the Applicant. • Oil, Fuel or Chemical Spill to Drainage System:																	

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	➢ Wearing protective clothing, stop further release and deploy drain covers to affected gullies. • Supplement containment with booms around the gully to control migration. ➢ Notify the Environment Agency and relevant water company with details on discharge time, type/quantity, specific drain location, and contact information. Notify the Applicant and Environment Agency as needed.																		
226.	The following measures will be taken, as a minimum, with regard to silt discharge: • Cease dewatering or other activity causing silt release. • Use drain seals, hay bales, silt fencing, or bunds to contain and direct silt away from sensitive areas. If the silt discharge enters drains or surface waters without prior approval, notify the Environment Agency and relevant water company.	The activities undertaken during the construction phase will be audited against the requirements of the Construction Environmental Management Plan(s) and the Soil Management Plan by the Principal Contractor to ensure adherence.	Pre-construction/Site clearance and preparation Construction					**X**								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
227.	The following measures will be taken, as a minimum, with regard to contamination involving waste materials: • Evacuate the area if necessary, especially if fumes are present. • Assess whether segregation of waste can mitigate the issue. • Conduct a risk assessment including COSHH considerations. • If segregation is unsafe, classify the entire waste volume as hazardous. • Report the incident to the Applicant. Dispose of waste according to standard site procedures.	The activities undertaken during the construction phase will be audited against the requirements of the Construction Environmental Management Plan(s) and the Soil Management Plan by the Principal Contractor to ensure adherence.	Pre-construction/Site clearance and preparation Construction					**X**								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
228.	Should unexpected contamination be discovered, the following measures will be employed:	The activities undertaken during the construction phase will be audited against the requirements of the Construction	Pre-construction/Site clearance and preparation Construction					**X**								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	• Halt works immediately upon discovering contamination. • Place removed impacted materials back into the excavation or onto a membrane to prevent further spread. • Report the discovery to the Applicant. • Arrange for fast-turnaround sampling and testing. • Continue work only once contamination is confirmed and a safe working procedure is established. • Do not excavate further without supervision from a geo-environmental engineer.	Environmental Management Plan(s) and the Soil Management Plan by the Principal Contractor to ensure adherence.																	
229.	30 bird boxes will be installed on retained trees and within retained woodland. Suitable boxes should be used such as Schwegler 1B bird boxes or similar. In addition to standard boxes, barn owl boxes should also be installed in order to enhance the Site's opportunities for barn owl	To monitor the efficacy of the bird box installations, it is proposed that bird boxes are monitored during late spring or summer by a suitably experienced ecologist or ornithologist annually within the first five years of the Proposed Development to confirm use. Barn owl boxes will need to be checked by a licensed ecologist. To monitor the efficacy of the areas set aside for ground nesting birds, regular monitoring during the operation (including maintenance) phase will occur Should the bird boxes not have evidence of use by nesting birds after this time, it is recommended that the location of the bird boxes be re-evaluated, and alternative locations be considered.	Construction Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor and operations team	**Outline LEMP [EN010157/APP/7.5]**	
230.	The bird and boxes should be installed at a height of around 3m, in a location out of direct sunlight and in an area of little disturbance. Boxes should be		Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	installed with a strong aluminium nail.																		
231.	Barn owl boxes should be installed at a height of at least 4m, on trees which have an open, countryside, outlook, and close to rough grassland (suitable foraging habitat).	To monitor the efficacy of the bird box installations, it is proposed that bird boxes are monitored during late spring or summer by a suitably experienced ecologist or ornithologist annually within the first five years of the Proposed Development to confirm use. Barn owl boxes will need to be checked by a licensed ecologist. To monitor the efficacy of the areas set aside for ground nesting birds, regular monitoring during the operation (including maintenance) phase will occur Should the bird boxes not have evidence of use by nesting birds after this time, it is recommended that the location of the bird boxes be re-evaluated, and alternative locations be considered.	Construction Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor and operations team	**Outline LEMP [EN010157/APP/7.5]**	
232.	Bat boxes will be installed on suitable retained trees across the Site. This will comprise of 25 boxes using a mixture of Schwegler 2F bat boxes, Schwegler 1FF boxes and pole mounted eco-rocked boxes or similar	To monitor the efficacy of the bat box installations, it is proposed that bat boxes are monitored during late spring or summer by a bat licenced ecologist annually within the first five years of the Proposed Development to confirm use. If during the monitoring visits there is no evidence of use by roosting bats, then it is recommended that the location and position of the boxes be re-evaluated, with alternative locations considered.	Construction Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor and operations team	**Outline LEMP [EN010157/APP/7.5]**	
233.	Twenty of the twenty five proposed bat boxes will be installed on retained trees, suitable for supporting them, at a height of 3 – 6m. The boxes		Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	

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	will need to be installed using a strong aluminium nail of at least 85mm in length. Boxes should be installed on the southern side of the trees, wherever possible, within an open, sunny position. The remaining five bat boxes are pole mounted and should be positioned away from shading, ideally south facing.																		
234.	To ensure reasonable establishment of the newly planted areas within the Order Limits, the areas should be assessed biannually and be maintained for a 5-year period following the completion of the proposed works. Any areas of newly seeded wildflower meadow, hedgerows, or individual trees found to be damaged, diseased, or dying with in the initial 5-year period will be replaced with like for like planting within the next suitable planting period. The replacement with like for like planting may be revised if the species of concern are regarded as unsuccessful or commercially unavailable. If such an instance does occur, the species will be replaced with more successful (consultation with a suitably qualified ecologist may be required to determine a suitable replacement species) or readily available species.		Operation (including maintenance)		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
235.	Grass around the Battery Energy Storage System (BESS) units will be trimmed on a more frequent basis than compared to the other elements of the Proposed Development like the wildflower meadow.		Operation (including maintenance)		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
236.	The final monitoring requirements and programme will be detailed within the Landscape and Ecological Management Plan. The final monitoring plan will ensure that there are: • Clear objectives for each element of habitat creation		Operation (including maintenance)		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	and enhancement outlined above. • Target/s for each objective, including SPA bird use targets and habitat targets. • Details of required management and monitoring (including who is responsible and when it will take place). • Details of limits of acceptable change. • Details of remedial actions, where appropriate.																		
237.	The monitoring of habitat creation mitigation measures will need to include the following: • Ensure all created habitats meet the habitat condition criteria (as defined by Defra within the guidance for the statutory metric) for the operation (including maintenance) phase (i.e. what condition we have assumed each of the created habitats will achieve). If condition is not on the trajectory to achieve the correct condition, then instigate remedial management. • Following habitat re-instatement within Figham Pastures LWS, vegetation would be monitored against the National Vegetation Classification baseline to ensure regrowth is comparable with the baseline and that no injurious weeds such as thistles or docks establish. If injurious weeds become dominant or tufts do not establish, then remedial management would be put in place. • Ensure the scrapes and grassland created for SPA bird species meet the design specifications specified in the Landscape and Ecological Management Plan, and if		Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	not implement remedial measures to correct. • Ensure scrapes hold water at least for part of the winter as expected given weather and any flooding, • Monitor Mitigation Areas 9, 11 and 13 and the ditch and dyke network, to confirm whether there is no net loss of SPA/ Ramsar site bird species across the Site compared to species population recorded during the baseline surveys. The no net loss target will take into consideration national trends as a limit of acceptable change. If the number of birds fall below the baseline conditions when taking into consideration national trends, the Applicant should ensure habitat management is providing the right habitat and conditions as outlined in the Landscape and Ecological Management Plan. • Monitor sward height of Mitigation Areas 9, 11 and 13 to ensure short sward (up to 25cm) during the winter months. • Monitor the breeding bird population within the areas set aside for mitigation to identify whether the Proposed Development is maintaining no net loss of breeding bird populations recorded during the base line surveys and increasing the local carrying capacity to 0.56 skylark territories per ha. If the number of birds falls below the baseline conditions when taking into consideration national trends, the Applicant should ensure habitat management is providing the right habitat and conditions as outlined in the Landscape and Ecological Management																	

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	Plan. If long sward height considered to be a contributing factor in any loss of breeding bird capacity mow a number of 25m^2 squares in early March (ground conditions permitting) to provide short sward (less than 25cm) at start of the ground nesting bird breeding season. • To inform the evidence base for the assessment of future schemes a monitoring programme during the operational phase will look to see if the flight activity of birds, for example large flocks of wildfowl, appear to alter flight lines or other indicators that glint and glare from the panels appears to be disturbing or otherwise affecting them. This work could also ascertain if large flocks of waterfowl attempt to land within the solar farm having mistaken panels for a large body of water.																	
238.	The Biodiversity Mitigation Areas and Enhancement Areas will be monitored during the operation (including maintenance) phase to ensure that they meet or are considered to be progressing towards the habitat condition outlined in the BNG assessment. Areas set aside for ground nesting birds will be monitored by repeating the breeding bird survey at set intervals (year 1, year 3 and year 5) to assess if ground nesting birds have used the areas set aside. Survey results will be compared against the breeding bird populations recorded during the baseline surveys to assess the effectiveness of the mitigation areas. Target of no net loss of species populations recorded during the baseline surveys and increasing the local carrying capacity to 0.56 skylark territories per ha. The no net loss target will the into consideration national trends		Operation (including maintenance)		**X**										**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	

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	as a limit of acceptable change.																		
239.	Mink control will consider methods undertaken by on-going mink control projects such as the Waterlife Recovery Trust mink project and use similar methods if appropriate. Measures may include surveys and trapping using humane specific traps for American mink undertaken on each suitable watercourse within the Land Areas for the first three years of operation. Any caught mink will be humanely dispatched and information on the caught mink will be sent to the Yorkshire Wildlife Trust. The surveys and trapping will be undertaken by a specialist contractor. Mink control would provide a beneficial long-term impact on many native species in particular water voles. Note: monitoring and control will be limited to the area within the Order Limits, as areas outside of the Order Limits are not within the control of the Applicant. The Applicant is responsible for ensuring the mink monitoring and trapping is undertaken for the first three years of operation.		Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
240.	The surfacing of permissive paths is yet to be determined, but the Applicant will explore options in consultation with the Community Liaison Group to enable accessibility of permissive paths for a variety of users. Further details will be provided in the Landscape and Ecological Management Plan.		Pre-construction Construction Operation (including maintenance)						**X**		**X**	**X**				**Outline LEMP [EN010157/APP/7.5]**	Pre-construction and construction by the Principal Contractor and operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
241.	An outdoor classroom located in the community accessible space will entail creation of log-pile seating area and installation of an information board. Logs will be placed directly onto existing ground surface. The information board shall be on a ground-mounted frame; no supporting posts will be driven into the ground. The Community Liaison Group (established for the duration of the construction period as set out in the **Outline CEMP [EN010157/APP/7.2]**) will be		Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	consulted on the proposals for the outdoor classroom and how it would be managed. Detail on the implementation and management of the outdoor classroom will be provided in the Landscape and Ecological Management Plan.																		
242.	A traditional orchard is proposed and would contain a mosaic of habitats important to wildlife and provide food shelter and breeding sites for many different species. The traditional orchard will be made available to the public, 364 days a year. It will be managed by the Applicant and will include signs to make clear that its use is for the public by permission of the landowner. At the end of the Proposed Development's operation, the area will be returned to the landowner (with further detail to be included in the **Outline DEMP [EN010157/APP/7.4]** in private ownership and the permitted public use will cease. It is likely to contain elements of woodland, pasture, meadow grassland, ideally bordered by hedgerows and sometimes contain small areas of scrub. Each individual habitat has value in its own right however, combined together within a traditional orchard setting creates a wildlife haven with a diverse range of plants and a mosaic of habitats that support a range of species on Site. The community accessible land could be considered along the lines of creating a traditional orchard with a similar mosaic of habitats suited to the Site and the space available. This area will be accessible to the public and will need to be kept relatively open both visually and physically to ensure it works as a safe space for users. Therefore, some of the habitats that make up a traditional woodland as described above such as woodland and scrub and some of the traditional management methods may need to be amended and adapted to suit the Site and its users.		Construction Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor and operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	

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	Apple and pear trees are the best of the orchard trees for humans and for wildlife. However, these combined with a variety of other fruiting trees such as cherries, greengages, quinces and plums will create a more interesting orchard mix for the local community, bringing back some of the forgotten varieties too, offering a good range of fruits to eat and to cook with. Where possible, local varieties of fruit trees will be sourced. . A well-managed established orchard has a mixture of tree ages. Young trees allow plenty of light to reach the grassland and older trees provide shelter and food further adding to the diversity of habitat available for nature. To achieve a varied range of sizes the following rootstock sizes could be considered when planted: • Rootstock M106 More traditionally orchard size, making 12-14' and the same across. More tolerant of poorish soils. • Rootstock M26 Is a good compromise between the genuinely dwarfing trees and the larger more vigorous. Growing 10' or so with the same spread. The Community Liaison Group (established for the duration of the construction period as set out in the **Outline CEMP [EN010157/APP/7.2]** will be consulted on the proposals for the Orchard and how it would be managed. Detail on the implementation and management of traditional orchards will be provided in the Landscape and Ecological Management Plan.																	
243.	All operations shall be carried out using machinery appropriate to the task, cylinder, rotary or mulch mowers and when weather and ground conditions are suitable. Operations shall be suspended where conditions prevent the use of machinery without damage to the ground surface.		Construction Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor and operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	

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	Where operations are suspended due to unsuitable conditions, additional maintenance visits may be required in order to maintain the sward within acceptable growth limits.																		
244.	Inspection every three months is advised to check the growth of dominant species and ruderal species. Management of these areas may have to be adapted to allow for less dominant species to predominate.		Construction Operation (including maintenance)		X											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor and operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
245.	No fertilisers will be used as this enriches the soil nutrients, allowing grasses to easily outcompete wildflowers. Similarly, the use of chemical pesticides will be avoided as wildflowers are more susceptible than grasses and weeds. Spot-treatment of noxious weeds will be allowed due to its localised nature.		Construction Operation (including maintenance)		X											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor and operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
246.	The scrapes will be fed by rainfall and winter flooding and will remain wetter for longer than the surrounding grassland and dry gradually during spring and early summer. If hydrological studies indicate scrapes will not hold water for a sufficient period of time (late Autumn into the spring), which is considered unlikely in the low-lying environment, then mitigation would be altered to provide either grassland or arable stubble suitable for foraging by wintering Lapwing and Golden Plover.		Construction Operation (including maintenance)		X											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor and operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
247.	The ground underneath and around solar PV modules would be sown with a flower and legume rich grass mix to provide an insect rich foraging habitat during the breeding season, and 5% of the margins between the solar PV modules and security fence will be sown with a winter seed mix for foraging birds with the rest of the margins sown to a similar legume rich grass mix to underneath the solar PV modules.		Construction		X											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
248.	It is proposed that the landscape works will be reviewed at the end of the first		Construction Operation (including maintenance)		X											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor and operation (including	**Outline LEMP [EN010157/APP/7.5]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	12 months of construction, at the end of the initial five-year aftercare period and then at 10-year intervals during the 40-year operational life of the Proposed Development. The regular habitat reviews will ensure it is still fit for purpose and ensure the BNG commitments are delivered by year 30. It is anticipated that following the review, any problems or changes that are impacting on the landscape will be accommodated with the agreement of East Riding of Yorkshire Council.																maintenance) by the operations team		
249.	A post-construction monitoring programme will be formalised and agreed as part of the DCO Application and included within the Landscape and Ecological Management Plan. This will include validating the BNG to check the anticipated biodiversity net gain is achieved, in line with **Appendix D - Indicative Environmental Masterplan**. and **ES Volume 4, Appendix 7.10: Biodiversity Net Gain Assessment [EN010157/APP/6.4].** Walkover surveys of the Order Limits will be undertaken between April and June in years 2, 4, 6, 10 and every 5 years post-construction until year 40. The surveys will involve an inspection of the hedgerows, field margins, tree planting and biodiversity mitigation and enhancement areas to ensure that they are being managed accordingly. Post construction monitoring for birds and bats will be undertaken as outlined in the **Outline LEMP [EN010157/APP/7.5].**		Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
250.	The Proposed Development will be compliant with the Environment Agency's groundwater protection policies.		Construction Decommissioning					**X**								**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction by the Principal Contractor and operations team	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1],**	
251.	Mechanism to manage contamination risk during decommissioning will be included in the Decommissioning	If required, monitoring measures will be identified in the Decommissioning Environmental Management Plan(s).	Decommissioning					**X**								**Outline DEMP [EN010157/APP/7.2]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	Environmental Management Plan(s) as per best practice.																		
252.	Safety plans (Emergency Response Plan and Emergency Spillage Action Plan) will be prepared to ensure activities and on-site staff concerns relating to these matters are addressed as far as reasonably practicable.	If required, monitoring measures will be identified in the Operational and Decommissioning Environmental Management Plan(s).	Operation (including maintenance) Decommissioning					X								**Outline OEMP [EN010157/APP/7.3]** **Outline DEMP [EN010157/APP/7.4]**	Construction and operation by the Principal Contractor and operations team	**ES Volume 2, Chapter 10: Land, Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
253.	Water for firefighting purposes would be sourced from the nearest available supply; however, this water would be used only to cool areas adjacent to a BESS container to prevent fire spread, rather than being used to attempt to directly fight a fire within a BESS container. The water would therefore not contain any fire-fighting chemicals or compounds after use.		Operation (including maintenance)					X								**Outline Battery Safety Management Plan (Outline BSMP) [EN010157/APP/7.6]** **Outline OEMP [EN010157/APP/7.3]**	Construction and operation by the Principal Contractor and operations team	**Outline Battery Safety Management Plan (Outline BSMP) [EN010157/APP/7.6]** **Outline OEMP [EN010157/APP/7.3]**	
254.	The **Outline BSMP [EN010157/APP/7.6]** outlines the regulatory guidance reviewed and the measures proposed to ensure that all safety concerns around the BESS elements of the Proposed Development are addressed in so far as is reasonably practicable.		Operation (including maintenance)					X								**Outline Battery Safety Management Plan (Outline BSMP) [EN010157/APP/7.6]** **Outline OEMP [EN010157/APP/7.3]**	Operations team	**Outline Battery Safety Management Plan (Outline BSMP) [EN010157/APP/7.6]** **Outline OEMP [EN010157/APP/7.3]**	
255.	Measures to prevent damage to the land during operation (including maintenance), together with measures for pollution prevention and emergency procedures to manage accidental spillages and leaks, are detailed in and secured by the **Outline OEMP [EN010157/APP/7.3]**.		Operation (including maintenance)					X								**Outline OEMP [EN010157/APP/7.3]**	Operations team	**ES Volume 2, Chapter 10: Land Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
256.	Measures to prevent damage to the land during operation (including maintenance), together with measures for pollution prevention and emergency procedures to manage accidental spillages and leaks, are detailed in and secured by the **Outline OEMP [EN010157/APP/7.3]**.		Operation (including maintenance)					X								**Outline OEMP [EN010157/APP/7.3]**	Operations team	**ES Volume 2, Chapter 10: Land Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
257.	The **Outline SMP [EN010157/APP/7.8]** includes the following measures: • Identification of those areas within the Site which may be more susceptible to damage, for example, steep slopes; • Definition of standard parameters to identify when soil conditions are suitable for handling or trafficking (qualities of the soil, for		Operation (including maintenance)					X								**Outline OEMP [EN010157/APP/7.3]**	Operations team	**ES Volume 2, Chapter 10: Land Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	example when it is wet or after periods of heavy rainfall or high winds); and • Outline measures and principles for soil management and best practice to maintain the physical properties of the soil, with the aim of maintaining the condition of the land until the end of the lifetime of the Proposed Development.																		
258.	Measures to mitigate likely effects relating to groundwater, such as best practice procedures relating to protection of groundwater and emergency procedures to manage accidental spillages and leaks, are detailed in and secured by the **Outline DEMP [EN010157/APP/7.4]**		Decommissioning					**X**								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 10: Land Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
259.	Measures to mitigate likely effects relating to land contamination, soils and agricultural land, such as best practice procedures to mitigate against erosion and contaminated land and emergency procedures to manage accidental spillages and leaks, are detailed in and secured by the **Outline DEMP [EN010157/APP/7.4]**.		Decommissioning					**X**								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 10: Land Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
260.	Measures to protect soil and agricultural land during the decommissioning phase are detailed in and secured by the **Outline SMP [EN010157/APP/7.8]**.		Decommissioning					**X**								**Outline SMP [EN010157/APP/7.8]**.	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 10: Land Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
261.	The **Outline SMP [EN010157/APP/7.8]** includes the following measures that will be relevant during decommissioning: • Methods for determining acceptable timings for working the soils (including by visual assessment and consistency tests); • Methods to ensure that soil profiles are reinstated in the same order as they were excavated; and • Information to avoid compaction of soils.		Decommissioning					**X**								**Outline SMP [EN010157/APP/7.8]**.	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 10: Land Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
262.	Any material removed from the Site for disposal will be documented by appropriate waste transfer note.	If required, monitoring measures will be identified in the Decommissioning Environmental Management Plan(s).	Decommissioning					**X**								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 10: Land Soil and Groundwater [EN010157/APP/6.2], Section 10.8**	
263.	Across most of the land within Land Areas B to F, soils will remain in situ throughout the		Construction, operation (including maintenance) and decommissioning					**X**								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and	**Outline SMP [EN010157/APP/7.8]**.	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	construction, operation (including maintenance) and decommissioning phases of the Proposed Development.																decommissioning by the Principal Contractor		
264.	The main potential impacts upon soil will be trafficking by vehicles involved in the installation of solar PV modules and associated infrastructure. This has the potential to compact and damage soils. The main mitigation methods will be to: • avoid working in unsuitable conditions; • utilise low ground pressure vehicles (tracked vehicles or vehicles fitted with tyres designed to operate at low inflation pressures) wherever possible; and • install access tracks early on to avoid unnecessary trafficking on agricultural soils or use track matting where needed in the early stages of construction.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
265.	Agricultural land is routinely trafficked by farm machinery during farm operations and resultant compaction alleviated using standard farm equipment, such as grassland slitters, spikers or subsoilers followed by discing, harrowing and/or rolling if levelling is required. Similar tractor operated farm cultivation equipment will be used to ameliorate localised damage resulting from the solar installation. However, considerate planning of soil handling within wet weather conditions will be used to reduce the risk of damage and need for amelioration.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
266.	All soil trafficking and handling operations will be undertaken under the supervision of an appropriately trained and experienced person, who will advise on and supervise soil handling, including identifying when soils are dry enough to be handled.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
267.	If sustained heavy rainfall (e.g. >10mm in 24 hours) occurs during soil handling operations, soil handling work should be suspended, where reasonably practicable, and not restarted until the ground has had at least a full dry day or agreed moisture criteria (such as 'drier than the plastic		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	limit') can be met. Lighter soil (SHU A) can generally be moved at a higher moisture content without causing damage than a heavy soil.																		
268.	Soil stripping, storing and restoration operations should only occur when the soils are as dry as reasonably practicable, normally when they are below the plastic limit		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
269.	Cabling installations require trenches to be excavated. These are usually dug to a depth below the topsoil, requiring some subsoil removal. Topsoil and subsoil should be stored separately and restored in the same order to retain the original soil profile. It is possible that a second, clearly different subsoil is encountered during trench excavation. This lower subsoil is most frequently of poorer quality for agriculture and should be stockpiled separately and restored below the upper subsoil and topsoil to retain the original profile.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
270.	Land Areas B to F should be constructed with the aim of keeping the soils in store for as short a time as possible, whilst minimising damage to the soil or Site. It is acknowledged that a small amount of soil will need to be stored for the life of the solar farm.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
271.	Soils removed during cable trenching, fencing, temporary haul road construction and temporary compound construction will be stored for the short term and no longer than the duration of the construction phase. Soils excavated during cable trenching and fencing works are likely to be stored for shortest period of time.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
272.	Soil removed during the construction of infrastructure, such as the on-site substations, Hybrid packs and access tracks will be used/graded across the Site as part of the landscaping and environmental enhancement of the Proposed Development.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
273.	Details of the methodology used for the removal of the solar PV modules and land piles will be included in the		Decommissioning													**Outline SMP [EN010157/APP/7.8]**.	Decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	Decommissioning Environmental Management Plan (DEMP) prior to decommissioning.																		
274.	Where it can be achieved, grass establishment prior to installation of the solar PV modules is advantageous for construction purposes, as it helps minimise rutting caused by vehicles trafficking on the soil surface. Therefore, a grass sward will be established across as much of the land to receive solar PV modules as reasonably practicable in advance of piling works. The decision will be made by the appointed Principal Contractor about which locations are suitable for grass seeding prior to installation and will be influenced by the timing of construction works relative to the agricultural crop harvest dates and the weather and soil conditions.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
275.	Seed sowing should ideally be undertaken in August/September during a drier time of year. If this is not possible, seeds should be sown in the spring as soon as the land is dry enough to allow machinery to travel. New seedlings would be vulnerable to trafficking so seed should where reasonably practicable be given a minimum of 6-8 weeks to establish prior to trafficking.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
276.	As part of the preparation of the Soil Management Plan, a soil survey will be completed along the final alignment of the cable within the grid connection cable route using a soil auger and, as needed, a spade, sampling where possible down to 1.2m. The soil survey will sample on a regular 100m grid pattern, along the central line of the grid connection cable route.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
277.	During construction and decommissioning works, wheel ruts should be levelled out using standard farm equipment such as discs, harrow and rollers. Horticultural scale cultivation tools may be best suited to operating between the relatively narrowly spaced rows of solar PV modules.		Construction and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
278.	Amelioration of soil ruts should be undertaken once construction of solar PV modules has been completed and after array removal at decommissioning and soils have dried out. This will likely be between April and October. Details of amelioration to be undertaken will be identified in the Soil Management Plan		Decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
279.	As part of the preparation of the Soil Management Plan, a soil survey will be completed along the final alignment of the cable within the grid connection cable route using a soil auger and, as needed, a spade, sampling where possible down to 1.2m. The soil survey will sample on a regular 100m grid pattern, along the central line of the grid connection cable route.		Pre-construction					X								**Outline SMP [EN010157/APP/7.8]**.	Pre-construction by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
280.	A detailed survey will be undertaken across all areas where soils will be disturbed.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
281.	The ALC grade along the route will be calculated so as to inform the works and so as to enable the ALC grade to be retained post-installation of the cable.		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
282.	Operations should aim to strip the topsoil between April and November in a normal year. Where the soils are loamy sands or sandy loams, the likely suitable period could be extended to March to November. The Soil Management Plan will refine the optimum dates across the site for the soils identified. As each season can vary professional advice should be taken if there is any doubt about whether the soil is adequately dry, prior to stripping commencing		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
283.	The quantities of soil involved are limited and topsoil bunds would be a maximum of 1m - 2m high. This will not result in the soil becoming anaerobic even in storage in a bund for more than 12 months. These areas will need to be managed during the life of the Proposed Development to prevent the establishment of woody growth or brambles		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
284.	The bund should be kept clear of woody vegetation. All storage bunds intended to		Construction, operation (including maintenance) and decommissioning					X								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and	**Outline SMP [EN010157/APP/7.8]**.	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	remain in situ for more than 6 months, or over the winter period, should be grassed over, with weed control and other necessary maintenance carried out.																decommissioning by the Principal Contractor		
285.	The bund should not be moved for restoration unless the soil is sufficiently dry. Testing the centre of the bund with a soil auger should take place before the soil is moved.		Construction, operation (including maintenance) and decommissioning					**X**								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
286.	The installation of grid connection cabling will be supervised by an experienced advisor. They will know where to expect land drainage and will be able to identify if drainage pipes are broken as either clay pipe fragments or plastic pipe will be evident in the material dug out.		Construction					**X**								**Outline SMP [EN010157/APP/7.8]**.	Construction by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
287.	For trenching works, any vegetative growth higher than 100mm will be cut or sprayed off with a systemic herbicide prior to trenching. If species of invasive vegetation, such as Japanese Knotweed are encountered, they will be treated according to the particular requirements for the species encountered.		Construction, operation (including maintenance) and decommissioning					**X**								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
288.	The proposed location of temporary access tracks and construction compounds are intended for short-term activity only and will be removed and land restored by the end of the construction phase of the Proposed Development.		Construction, operation (including maintenance) and decommissioning					**X**								**Outline SMP [EN010157/APP/7.8]**.	Construction, operation (including maintenance) and decommissioning by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**.	
289.	All existing hedgerows, trees and woodland would be retained and proposed protection measures detailed in the Construction Environmental Management Plan will be implemented during construction (except where removal is indicated on the vegetation removal plans shown on the **Tree Preservation Order and Hedgerow Plans [EN010157/APP/2.8]**).	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s).	Construction		**X**	**X**	**X**	**X**	**X**					**X**		**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
290.	Pre-construction surveys will be used to microsite and determine the final location of the HDD pits, open trenching areas, compound and access routes, thus aiming to avoid the most plant-rich areas. The HDD pits would be positioned a minimum of 50m from main rivers, such as River Hull.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s).	Construction		**X**			**X**	**X**	**X**			**X**			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
291.	A minimum 200m offset to construction compounds from residential dwellings.		Pre-construction						X	X						**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6, ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.6**	
292.	The Proposed Development design will incorporate a minimum offset distance of 10m from any existing woodland, trees (from the edge of the canopy) and hedgerows, where reasonably practicable.		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
293.	The Proposed Development design will incorporate a minimum offset distance of 15m from any ancient woodland (from the edge of the canopy).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
294.	The Proposed Development design will incorporate ecological mitigation and enhancement areas that will remain free of solar PV development.		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
295.	Where reasonably practicable, existing hedgerows, woodland, ditches and field margins will be retained. Any breaks or crossings (associated new tracks, security fencing and/or cable routes) will be designed to use existing agricultural tracks between fields, where reasonably practicable, and the width of any breaches will be kept to a minimum.		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
296.	No solar PV development will be erected in Field D18, where non-designated heritage asset HER MHU1514 (Meaux Deserted Medieval Village) is located.		Pre-construction						X							**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
297.	No solar PV development will be erected in Fields E13 and E14.		Pre-construction						X							**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
298.	The Proposed Development design will incorporate woodland and scrub planting around large infrastructure.		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
299.	New planting will consist of native species, suitable for the site conditions both now and in the future and wherever possible from local provenance.		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
300.	The Proposed Development design will protect existing long-range or panoramic views from public rights of way wherever reasonably		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	practicable, with only low-level planting in development offsets and hedgerows set further back from the routes.																		
301.	For fixed array, the maximum height of the solar panels will be 3m. For a tracking array the maximum height of the solar panels will be 3m, which would vary throughout the day.		Pre-construction						X							**Design Parameters Document [EN010157/APP/5.8]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
302.	Containers will be light grey, white, dark green or similar in colour.		Pre-construction						X							**Design Parameters Document [EN010157/APP/5.8]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
303.	The Proposed Development design will incorporate a minimum offset distance of 10m from all public rights of way, including new planting where reasonably practicable.		Pre-construction						X							**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
304.	New hedgerow planting, with occasional trees, along the eastern boundary of Fields B1 and B7 (in Land Area B).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
305.	New hedgerow planting, with occasional trees, along the western boundary of Fields B4 and B8 (in Land Area B).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
306.	New hedgerow planting/infill hedgerow planting along the southern extent of solar PV modules in Field B4 (in Land Area B).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
307.	Hedgerow infill planting around boundaries of Fields B5 and B6 (in Land Area B).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
308.	New hedgerow planting, with occasional trees, along the western boundary of Fields C1, C2, C3, C4 and C5 (in Land Area C).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
309.	A small woodland copse is proposed in the south-east corner of Field C3 (in Land Area C) to the east of the proposed Project Substation East.		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
310.	Extension of the existing woodland copse, with scrub planting, on the eastern boundary of Field C4 (in Land Area C) to the south of the proposed Project Substation East.		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
311.	New hedgerow planting/infill hedgerow planting along the southern boundary of Field C5 (in Land Area C).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
312.	New hedgerow planting along the southern boundary of Field C6 (in Land Area C).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	

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313.	New woodland copse within the south-east corner of Field C6 (in Land Area C).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
314.	New hedgerow planting, with occasional trees, along the northern and western boundary of Field C7 (in Land Area C).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
315.	New hedgerow planting along the part of the southern boundary of Field C7 (in Land Area C).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
316.	New hedgerow planting, with occasional trees, along the eastern boundary of Field C7 (in Land Area C).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
317.	New hedgerow planting along the western boundary of Field C9 (in Land Area C).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
318.	New woodland strip along the eastern boundary of Field C9 (in Land Area C).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
319.	New hedgerow and occasional tree planting on the western corner of Field D7 (in Land Area D).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
320.	Infilling of existing boundary hedgerows around Field D9 (in Land Area D).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
321.	New low-level shrub and small tree planting to the north of solar PV modules in Fields D11, D12, D13, D14 (in Land Area D) and E2 (in Land Area E).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
322.	New hedgerow planting, with occasional trees, along the western boundary of Field D14 (in Land Area D).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
323.	New hedgerow planting/infill hedgerow planting, with occasional trees, along all boundaries of Fields D15 and D16 (in Land Area D).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
324.	New hedgerow planting with occasional trees along the western boundary and infill hedge planting to the southern boundary of Field D17 (in Land Area D).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
325.	New hedgerow planting along the southern boundary of Field E1 (in Land Area E).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
326.	New hedgerow planting along the and southern boundary of Field E2 (in Land Area E).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
327.	New hedgerow planting along the western boundary of Field E3 (in Land Area E).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	

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328.	New hedgerow planting along the eastern boundary of Field E4 (in Land Area E).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
329.	New hedgerow planting along the southern extent of the solar PV modules in Fields E3 and E4 (in Land Area E).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
330.	New hedgerow planting along the eastern boundary of Field E5 (in Land Area E).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
331.	New small woodland copse off-site to the east of Meaux Decoy Farm and west of Field E8 (in Land Area E).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
332.	Infilling of existing boundary hedgerows around Fields E9, E10, E11 and E12 (in Land Area E).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
333.	New hedgerow planting with occasional trees along the southern boundary of Field E16 (in Land Area E).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
334.	New section of hedgerow planting to west of solar PV modules (and east of access track) in Field E17 (in Land Area E).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
335.	New hedgerow planting/infill hedgerow planting, with occasional trees, along the western boundary of Field F1 (in Land Area F).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
336.	Infilling of existing boundary hedgerows in Fields F7 and F8 (in Land Area F).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
337.	New hedgerow on boundary of site to the south of Fields F9 and F10 (in Land Area F).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
338.	Infilling of existing eastern boundary hedgerows in Fields F11, F12 and F13 (in Land Area F).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
339.	New hedgerow planting to east of solar PV modules in Field F14 (in Land Area F).		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
340.	New hedgerow planting on western and northern boundaries of Field F16 (in Land Area F), western boundary of Field F17 (in Land Area F) and boundary surrounding The Bungalow with occasional tree planting.		Pre-construction						X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.6**	
341.	Activities should be undertaken in a sensitive manner with regard to the existing landscape fabric within the Site		Construction Decommissioning						X							**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.8**	
342.	The Construction Environmental Management Plan will detail how existing		Construction		X		X		X					X		**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 7: Biodiversity**	

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	hedgerows, trees and woodland would be retained and explains the proposed protection measures to be implemented during construction (except where removal is indicated on the vegetation removal plans shown in **Tree Preservation Order and Hedgerow Plans [EN010157/APP/2.8]**).																	**[EN010157/APP/6.2], Section 7.8** **ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8** **ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.8** **ES Volume 4, Appendix 5.4: Glint and Glare Assessment [EN010157/APP/6.4]**	
343.	Temporary compounds should be maintained with a neat and tidy appearance.		Construction Decommissioning						**X**							**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.8**	
344.	Construction vehicle movements would be routed in accordance with an agreed routeing strategy and avoid additional landscape and visual effects.		Construction Decommissioning						**X**							**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.8**	
345.	The soil resource within the Site would be managed during construction and decommissioning in accordance with the principles established in the **Outline Soil Management Plan (SMP) [EN010157/APP/7.8]**.		Construction Decommissioning						**X**							**Outline SMP [EN010157/APP/7.8]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.8**	
346.	Existing and newly established habitats and planting would be maintained in accordance with the principles established in the **Outline LEMP [EN010157/APP/7.5].**	A programme of monitoring relating to the establishment and maintenance of the mitigation structure planting and new habitats.	Operation (including maintenance)		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Operation by the operations team	**ES Volume 2, Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8** **ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8** **ES Volume 2, Chapter 10: Land Soil and Groundwater [EN010157/APP/6.2], Section 10.8** **ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.8**	
347.	Any defective planting to be replaced and all new planting established successfully. Existing and new hedgerows (once established) would be maintained at a minimum height of 3.5m for the duration of the operation (including maintenance) phase of the Proposed Development. The	A programme of monitoring relating to the establishment and maintenance of the mitigation structure planting and new habitats.	Operation (including maintenance)		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Operation by the operations team	**ES Volume 2, Chapter 7: Biodiversity [EN010157/APP/6.2], Section 7.8** **ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	

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	proposed hedgerows adjacent to Monk Dike would be maintained at a minimum height of 4m.																	**ES Volume 2, Chapter 10: Land Soil and Groundwater [EN010157/APP/6.2], Section 10.8** **ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.8** **ES Volume 4, Appendix 5.4: Glint and Glare Assessment [EN010157/APP/6.4]**	
348.	Ecological mitigation and enhancement areas would be handed back to the relevant landowners. Consultation with appropriate stakeholders and landowners would be undertaken in advance of the decommissioning phase to discuss opportunities to maintain and manage the ecological mitigation and enhancement beyond the lifespan of the Proposed Development, as appropriate.		Decommissioning		**X**				**X**							**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 11: Landscape and Visual [EN010157/APP/6.2], Section 11.8**	
349.	The Proposed Development has been designed to avoid blocks of woodland and mature trees, the Construction Environmental Management Plan will secure how these important features of the landscape fabric would remain protected during construction.	Records will be maintained relating to routine inspections, investigations, corrective actions and action schedules.	Construction Decommissioning		**X**				**X**							**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
350.	Where necessary, plants will be watered at appropriate times of the day to minimise water evaporation.		Operation (including maintenance)		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Operation by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
351.	Care will be taken to avoid interference with the established levels and contours of the ground, and to avoid damage to footpaths, roads, drains, manholes and existing structures and vegetation. Damage so occasioned will be made good at the earliest opportunity.		Construction		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
352.	Ensure all works and operations are carried out in accordance with the Construction Design and Management Regulations 2015		Construction		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
353.	All work shall be carried out by experienced operatives holding relevant horticultural qualifications and training certificates, or under the supervision on Site of such a person. All works detailed in the following specifications		Construction		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	

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	shall be carried out in accordance with good horticultural practice, using materials, plant and machinery appropriate to the task, undertaken in such a manner that avoids damage and/or nuisance to the Site and its surroundings.																		
354.	All security fencing to panel areas to be regularly checked as part of routine maintenance visits to ensure it is safe and fit for purpose and badger access points remain operational.				**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
355.	Fences are to be of a height suitable to exclude deer from solar panel areas, with a suitable mesh size to prevent deer being harmed or becoming trapped. Mammal gates will be installed in suitable locations within the fence lines based on the pre-commencement surveys detailed and secured within the **Outline CEMP [EN010157/APP/7.2]**to allow badgers and other small mammals access to forage under panels.		Construction		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
356.	Fencing will not be buried to allow badgers and other small mammals to push underneath enabling them to access the fields with solar PV modules.		Construction		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
357.	Where lighting is required, it will be directed toward the middle of the working area and will utilise directional fittings to minimise outward light spill and glare, preferably at an angle greater than 20 degrees from the horizontal).		Construction Operation (including maintenance)		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
358.	Infrared sensor-triggered security lighting would be used to avoid impacts on bats.		Construction Operation (including maintenance)		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
359.	During operation (including maintenance) of the Proposed Development, all PRoW within the Order Limits will be maintained to allow unimpeded passage, unless where maintenance temporarily requires otherwise.		Operation (including maintenance)						**X**							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
360.	Any temporary closures or diversions to allow for maintenance activities will be subject to agreement with East Riding of Yorkshire Council. Further information regarding the management of PRoWs is outlined in the		Operation (including maintenance)						**X**							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	

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	Outline Rights of Way and Access Management Plan [EN010157/APP/7.9].																		
361.	Litter picking will be undertaken as part of regular maintenance visits within the Order Limits.		Operation (including maintenance)						X							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
362.	Damage to signage, interpretation boards, seating and field boundary furniture will also be identified at such visits and replacements implemented as soon as practically possible.		Operation (including maintenance)						X							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
363.	Arisings from management and maintenance operations will be left in safe locations within the Site to naturally decompose and provide habitat for a range of species. Any large, felled branches/logs may be retained on Site at field boundaries as habitat piles.		Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
364.	Watercourses and ponds will be retained and managed by leaving a 10m offset from the development and allowing vegetation to develop naturally to enhance biodiversity and improve water quality and maintain flows.		Construction Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
365.	Grasslands will be diversified and managed to promote biodiversity and improve filtration of runoff.		Construction Operation (including maintenance)		X											**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
366.	Native scrub and woody vegetation will be left to colonise naturally but monitored such that if it encroaches or shades more than 70% of watercourse or a waterbody then rotational coppicing will be used to maintain its cover to no more than 70% and ensure permitted access for bodies such as the Environment Agency and Internal Drainage Board is maintained.		Construction Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
367.	Where watercourses are impacted by the construction of a crossing point the affected banks will be re-seeded.		Construction		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
368.	Culverts will provide as much light penetration as possible at the culvert inlets and outlets to encourage use by water vole and otter. Riparian vegetation planting, if required, will be included at the entry to an exit of culverts to provide cover and transitional light levels for species using these and avoid startling the species (including otter) using these structures.		Pre-construction Construction		X											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
369.	Vehicular access to the Proposed Development would be limited to maintenance activities.		Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
370.	Equipment will be provided to contain and clean up any spills of fuel or lubricants as required.		Construction Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
371.	Regular inspection of the access tracks would occur to ensure no unacceptable erosion is taking place, with appropriate practicable remedial action taken, should erosion be noted.		Construction Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
372.	No vehicle cleaning or refuelling would take place within the Site and drip trays would be placed underneath any stationary maintenance vehicles.		Construction Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
373.	All pesticides and herbicides shall be applied according to manufacturer's recommendations and current legislation		Construction Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
374.	No pesticides or fertilisers will be used at any time in the species rich grassland area, wildflower offset zone or within 8m of watercourse and waterbodies, unless injurious weeds become a problem in which case spot treatment will be used. Usage on other parts of the Site, where not already specified in the Outline LEMP, will not be permitted.		Construction Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
375.	Ensure that all works are carried out strictly in accordance with the requirements of the foregoing legislation and other relevant Codes of Practice, British Standards, rules, guidelines or directives that relate to the use of hazardous materials. The Principal Contractor will make such notifications as are required under the terms of The Food and Environment Protection Act 1985 and will be responsible for replacing plants killed by inappropriate use of herbicides.		Construction Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
376.	Where possible and practical, construction access and cabling will use existing field entrances and horizontal directional drilling will install the cables under hedgerows.		Construction		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
377.	Where vegetation removal/pruning is required for access and/or visibility splays, the works should be limited to that amount required to		Construction Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	achieve the appropriate access / visibility required. Pruning of vegetation will be preferred over removal wherever possible.																		
378.	Any ground where planting or seeding is proposed that has been used by construction vehicles will require decompaction prior to planting or seeding. In addition, any crop remains of weed growth may require herbicide treatment before sowing		Construction		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
379.	Planting and seeding within areas where utilities are present will be undertaken in accordance with National Grid guidance (Development near overhead lines, 2008) and will consist of hedgerow and lower growing shrub species maintained to ensure statutory safety clearances. Planting above underground utilities and cables will ensure that seeding and hedgerow planting will be undertaken with suitable species that will not be a risk to buried services due to root damage or soil shrinkage.		Construction Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
380.	Additional minor works to trees such as lateral pruning or crown lifting may be undertaken where required prior to construction to avoid damage to trees by construction activities. If this is required these works will be undertaken by a qualified arborist with checks for roosting bats before works commence if a tree has been identified as having bat roost potential.		Construction		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
381.	Tree protection fencing will be erected before any construction works begin. Such fencing will accord with the principles set out within 'BS5837: Trees in relation to design, demolition and construction'. Protection fencing may be erected and dismantled in phases as construction progresses.		Construction		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
382.	Should invasive weeds (those species registered on the Schedule 9 to the Wildlife and Countryside Act 1981 or the Invasive Alien Species Order 2019) be found on Site or brought to the Site by construction plant, works within the contaminated area		Construction Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	must cease immediately, appropriate biosecurity measures implemented to restrict unauthorised access and specialist advice sought to allow for implementation of an invasive weeds management plan.																		
383.	The ongoing management and monitoring of enhanced and created habitats will be detailed with the Landscape and Ecological Management Plan.		Pre-construction		X				X							**Outline LEMP [EN010157/APP/7.5]**	Construction and operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
384.	After 30 years, the Landscape and Ecological Management Plan will be reviewed to ensure habitat management prescriptions are still appropriate for the remainder of the operational phase.		Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
385.	Relevant landowners and appropriate stakeholders will be engaged prior to decommissioning to discuss the options available to retain ecological enhancement and mitigation areas which have been created and managed for the Site.		Operation (including maintenance)		X				X							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
386.	Inverters will be located a minimum of 200m from existing sensitive residential receptors unless it can be demonstrated to the satisfaction of East Riding of Yorkshire Council that the location of inverters within 200m of existing residential receptors, would not give rise to materially new or materially different noise effects compared to those reported within **ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2]**.		Pre-construction/Site clearance and preparation Construction							X						**Design Parameters Document [EN010157/APP/5.8]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.6**	
387.	The Proposed Development design will incorporate a minimum offset distance of 10m from any existing woodland, trees (from the edge of the canopy) and hedgerows, where reasonably practicable.		Pre-construction/Site clearance and preparation Construction							X						**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.6**	
388.	Best Practicable Means as defined by the Control of Pollution Act 1974 will be implemented.	Set up and publicising a contact point with the Principal Contractor and Applicant to log, monitor and address any complaints associated with noise during the construction, operational and	Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
389.	Ensure that each item of equipment complies with the noise limits quoted in The Noise Emission in the Environment by Equipment for		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	use Outdoors Regulations 2001.	decommissioning phases.																	
390.	All engine compartments or acoustic enclosures are closed whilst engines are running.	A scheme to this effect is assumed to be included in the Construction Environmental Management Plan and the Decommissioning Environmental Management Plan. Provision of monthly reporting of information to local residents to advise of potential noisy works that are due to take place has been included. Following implementation of the Construction Environmental Management Plan and Decommissioning Environmental Management Plan, targeted monitoring can be undertaken at sensitive receptors during the construction and decommissioning phase. This will be based on the outcomes of further additional detailed construction and decommissioning assessments to be undertaken by the Principal Contractor, with short term monitoring proposed as a measure to ensure noise levels remain within relevant criteria. Noise measurements of the installed operational equipment is recommended to verify predicted levels at source which have been accounted for within this assessment.	Pre-construction/Site clearance and preparation Construction Decommissioning						X					**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
391.	Temporary noise barriers could comprise a well-constructed site hoarding or a proprietary temporary barrier system that can be rapidly installed and modified on-site to screen specific construction activities. In all instances, the hoarding/barrier should be free from gaps, holes, slits or cracks, with no gaps between the barrier and the ground.		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and Section 12.11**	
392.	Use of hand-held equipment to carry out the works where practicable in lieu of mechanical means.		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
393.	All plant, equipment and noise control measures applied to plant and equipment to be maintained in good and efficient working order and operated such that noise		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	emissions are minimised as far as reasonably practicable.																		
394.	Any plant, equipment or items fitted with noise control equipment found to be defective will not be operated until repaired.		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
395.	Machines in intermittent use to be shut down or throttled down to a minimum during periods between works.		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
396.	As far as is reasonably practicable, the location and orientation of semi-static equipment to be chosen to minimise the noise impact on sensitive receptors.		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
397.	A quiet working ethic will be employed to ensure that all members of the workforce have consideration for the nearby residents.		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
398.	Shouting and use of radios when entering to and from Site, and when working on Site, will be controlled.		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
399.	Operatives will be briefed not to sound car horns to gain access to the Main and Satellite Construction Compounds. To assist, security will arrange for the Site to be unlocked up to one hour prior to the start of the core working hours.		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
400.	The delivery routes set out in the **Outline CTMP [EN010157/APP/7.7]** will be communicated to and adhered to by all suppliers.		Pre-construction/Site clearance and preparation Construction							X						**Outline CEMP [EN010157/APP/7.2]** **Outline CTMP [EN010157/APP/7.7]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
401.	Control and limit noise from reversing alarms, using the following hierarchy: • Design the Main and Satellite Construction Compound layouts to limit and avoid the need for the reversing of vehicles and ensure that drivers are familiar with the worksite layout; • Utilise banksmen to avoid the use of reversing alarms. Where the use of a banksman is necessary, use reversing alarms incorporating one or more of the features listed in		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	

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	hierarchical order below or any other comparable system: • Highly directional sounders; • Use of broadband signals; • Self-adjusting output sounders; • Flashing warning lights; and Set reversing alarms to the minimum output noise level required for health and safety compliance.																		
402.	Toolbox talks will be carried out by the Principal Contractor to ensure that all members of the workforce are aware of their possible noise impact and of the sensitivities of the vicinity. These will also ensure that Best Practicable Means of control are delivered on the Site.		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
403.	A programme of community liaison will be carried out, including notification of works and details of the complaints process.		Pre-construction/Site clearance and preparation Construction Operation (including maintenance) Decommissioning	X						X	X					**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
404.	The detailed construction stage vibration assessment should be undertaken once the appointed contractor's working methods and plant items are known. This should account for both existing receptors and any new, future receptors. From this, specific mitigation measures can be identified. It is considered that reasonable mitigation measures can be implemented to limit potential disturbance.		Pre-construction/Site clearance and preparation Construction Decommissioning							X						**Draft DCO [EN/010157/APP/3.1]** 33**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
405.	Where it has been identified there is potential for the construction works to give rise to potential noise impacts at sensitive receptors, setback distances to the proposed works will be included in the Construction Environmental Management Plan, in order to reduce any potential noise impacts		Pre-construction/Site clearance and preparation Construction							X						**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
406.	Employ reduced fan speeds where applicable whilst maintaining the required airflow for cooling requirements		Operation (including maintenance)							X						**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the Principal Contractor and operations team	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	

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407.	Targeted noise monitoring of plant items will be undertaken to verify plant noise emissions (within the operational noise assessment) to ensure compliance with the agreed noise criteria at sensitive receptors.		Operation (including maintenance)							X						**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the Principal Contractor and operations team	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
408.	A Decommissioning Traffic Management Plan will be developed prior to decommissioning and will reflect the circumstances prevailing during the period in which decommissioning is to be carried out, as detailed in and secured by the **Outline DEMP [EN010157/APP/7.4]**.		Decommissioning							X						**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2], Sections 12.8 and 12.11**	
409.	The Proposed Development design will incorporate a minimum offset distance of 50m from residential properties from solar PV modules and other infrastructure.		Pre-construction/Site clearance and preparation								X					**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.6**	
410.	No solar PV development will be erected in Fields E13 and E14.		Pre-construction/Site clearance and preparation								X					**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.6**	
411.	The Proposed Development design will incorporate woodland and scrub planting around large infrastructure.		Pre-construction/Site clearance and preparation								X					**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.6**	
412.	The Proposed Development design will protect existing long-range or panoramic views from public rights of way wherever reasonably practicable, with only low-level planting in development offsets and hedgerows set further back from the routes.		Pre-construction/Site clearance and preparation								X					**Outline LEMP [EN010157/APP/7.5]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.6**	
413.	The Proposed Development design will incorporate a minimum offset distance of 10m from all public rights of way, including new planting where reasonably practicable.		Pre-construction/Site clearance and preparation								X					**Works Plans [EN010157/APP/2.2]**	Pre-construction by the Applicant	**ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.6**	
414.	The security detection cameras will be pointed directly within the Order Limits and away from any land outside of the Order Limits.		Operation								X					**Outline Construction Environmental Management Plan (Outline CEMP) [EN010157/APP/7.2]**	Operation by the Principal Contractor	**ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.6**	
415.	Minimise disruption, maintain safety and prevent access to any temporarily closed public right of way		Pre-construction/Site clearance and preparation Construction								X					**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.8**	
416.	Give advanced notice of any upcoming works through appropriate signage.		Pre-construction/Site clearance and preparation Construction								X					**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.8**	
417.	The Proposed Development design will not require the permanent closure of any public rights of way.		Pre-construction/Site clearance and preparation					X			X					**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.8**	

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																Outline CEMP [EN010157/APP/7.2]			
418.	Any required temporary closures will be implemented following the relevant procedure in the **Draft DCO [EN010157/APP/3.1]** and in accordance with the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**.		Pre-construction/Site clearance and preparation Construction						**X**		**X**	**X**				**Draft DCO [EN010157/APP/3.1]** **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 13: Population [EN010157/APP/6.2], Section 13.8**	
419.	Appropriate safety measures such as temporary fencing or use of a banksperson will be put in place by the Principal Contractor to ensure safe corridors for users of PRoW where it is proposed to keep it open through areas adjacent to the construction works. The proposed nature of these measures will be outlined in the Rights of Way and Access Management Plan prior to the commencement of construction of the relevant part of the Proposed Development.		Pre-construction/Site clearance and preparation Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
420.	The Applicant will seek to use restrictions where reasonably practicable ahead of temporary closures and East Riding of Yorkshire Council will be consulted in advance of any temporary closures taking place.		Pre-construction/Site clearance and preparation Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
421.	The Proposed Development design will incorporate a minimum offset distance of 10m from all PRoW to provide space around each PRoW. This is embedded mitigation which will be in situ throughout operation (including maintenance).		Pre-construction/Site clearance and preparation						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**		**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
422.	It is anticipated that internal access tracks will be retained for vehicular access during the operation (including maintenance) phase. Where these internal access tracks cross PRoW, visibility will be retained to ensure that safe crossing can be achieved for PRoW users.		Operation (including maintenance)						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Operation (including maintenance) by the operations teams	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]** **Outline OEMP [EN010157/APP/7.3]**	
423.	Details of PRoW management during the operation (including maintenance) phase will be included in the Rights of Way and Access Management Plan.		Operation (including maintenance)						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Operation (including maintenance) by the operations teams	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]** **Outline OEMP [EN010157/APP/7.3]**	
424.	Public Footpath LEVEF05 is to be physically separated from proposed construction routes and works areas using mesh,		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	Heras, other similar types of fencing where necessary.																		
425.	No temporary diversions will be required for public footpath RISTF01. However, the following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.		Construction						X		X	X				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
426.	No temporary diversions will be required for public footpath RISTF02. However, the following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.		Construction						X		X	X				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
427.	No temporary diversions will be required for public footpath WAWNF01. However, the following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a		Construction						X		X	X				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.																		
428.	There are no suitable routes for temporary diversions for public footpath BEVEF23; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
429.	There are no suitable routes for temporary diversions for public bridleway SKIDB07; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**;		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	• Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.																		
430.	There are no suitable routes for temporary diversions for public footpath SKIDF10; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
431.	There are no suitable routes for temporary diversions for public footpath SKIDF11; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during construction for as presented in the **Outline Rights of Way**		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	and Access Management Plan [EN010157/APP/7.9]; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.																		
432.	There are no suitable routes for temporary diversions for public footpath SKIDF12; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
433.	There are no suitable routes for temporary diversions for public footpath SKIDF17; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during construction for as presented		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.																		
434.	There are no suitable routes for temporary diversions for public bridleway TICKB05; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
435.	There are no suitable routes for temporary diversions for public footpath TICKF09; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.																		
436.	There are no suitable routes for temporary diversions for public footpath TICKF12; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
437.	There are no suitable routes for temporary diversions for public footpath WOODF04; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.																		
438.	There are no suitable routes for temporary diversions for public footpath WOODF09; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
439.	There are no suitable routes for temporary diversions for public footpath WOODF12; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.																		
440.	There are no suitable routes for temporary diversions for public footpath WOODF18; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
441.	There are no suitable routes for temporary diversions for Wilberforce Way Long Distance Path; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	of temporary closures. The following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.																		
442.	There are no suitable routes for temporary diversions for National Cycle Network Route 1; closures or restrictions will be required for short durations of time to enable construction works but restrictions will be used where reasonably practicable ahead of temporary closures. The following control measures will be implemented during construction for as presented in the **Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**; • Crossing points will be marshalled by a banksperson and possibly gated. • A default priority will be in place for construction vehicles to give way to PRoW users. • Advanced warning signage will be provided to warn PRoW users and construction drivers of crossings. Visibility will be maximised at crossings.		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
443.	Detailed management measures for impacted PRoW will be secured in a construction phasing detailed iteration of the Rights of Way and Access Management Plan prior to the commencement of		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	the relevant part of the Proposed Development and approved by East Riding of Yorkshire Council.																		
444.	The Applicant will take practical measures to minimise disruption to the PRoW network and follow the hierarchy of actions: • signage installed where PRoW can remain open, users warned of the presence of construction vehicles or activities (local management). E.g. where a secure fence line has been erected and the PRoW runs outside of this boundary, or where a PRoW crosses a haul road; • use of banksperson to provide appropriate warning of restrictions and applying appropriate distancing tactics for PRoW users; and short, temporary closures where works on the Site might affect the safety of users (local closures).		Construction						X		X	X				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
445.	The exact details of the forms of restriction will be developed by the appointed Principal Contractor and subject to further discussions with East Riding of Yorkshire PRoW officer.		Construction						X		X	X				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
446.	Appropriate safety measures such as temporary fencing or use of a banksperson will be put in place by the Principal Contractor to ensure safe corridors for users of PRoW where it is proposed to keep it open through areas adjacent to the construction works. The proposed nature of these measures will be outlined in the Rights of Way and Access Management Plan prior to the commencement of construction of the relevant part of the Proposed Development		Construction						X		X	X				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
447.	Any closure, alteration or restriction would be signed in		Construction						X		X	X				**Outline Rights of Way and Access**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	advance on the affected PRoW to inform users in accordance with the relevant legislation.															**Management Plan [EN010157/APP/7.9]**			
448.	Detail of crossing points will be provided in the Rights of Way and Access Management Plan following the appointment of the Principal Contractor.		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
449.	Local management would be principally used during the laying of cable routes, and where PRoW run between Solar PV development areas and a set back between the secure fence line and PRoW link can be established. Further detail will be established within the Rights of Way and Access Management Plan to be implemented by the appointed Principal Contractor.		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
450.	Where it is considered safe to do so, PRoW near construction works or which adjoin roads that may be affected by works will remain open with appropriate signage in place at the earliest opportunity. This signage will warn of the presence of construction vehicles, and will warn drivers of the presence of walkers, cyclists or other non-motorised users. Where a PRoW crosses a construction haul road, a banksperson would be utilised to facilitate vehicles crossing the PRoW.		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
451.	The PRoWs which run through and adjacent the Site will be inspected on a regular basis during the relevant construction period, and any required remedial works will be undertaken to ensure that PRoWs remain in good condition during the construction period. This will include temporary fencing, signage and maintaining PRoW surface condition to ensure it remains safe and accessible.		Pre-construction/Site clearance and preparation Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
452.	Contact details will be provided on signage placed around the construction Site in order that the public has a direct route to report any concerns relating to PRoW management directly with the Site Manager. The location and details of these		Construction						**X**		**X**	**X**				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	signs will be discussed and agreed with the relevant planning authority/PRoW Officers. Where applicable, signage will also provide information on details of works and any closure or restriction.																		
453.	Where construction routes adjoin a PRoW or where a PRoW crosses a construction access/parcel, appropriate signage will be installed as necessary to ensure the safety of PRoW, road network users and workers.		Construction						X		X	X				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
454.	As part of the Rights of Way and Access Management Plan, a programme of PRoW closures will be produced by the Principal Contractor. Appropriate advanced notification will be provided to all relevant stakeholders prior to commencement.		Construction						X		X	X				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
455.	A Community Liaison Officer will be responsible for communications with the public during all stages of the Proposed Development.		Construction	X							X					**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
456.	Details of PRoW management during the decommissioning phase will be included in the Decommissioning Environmental Management Plan as set out in the **Outline DEMP [EN010157/APP/7.4]**.		Decommissioning						X		X	X				**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	Decommissioning by the Principal Contractor	**Outline Rights of Way and Access Management Plan [EN010157/APP/7.9]**	
457.	It is proposed to provide passing places along Meaux Lane for HGVs to pass. The phasing of constructing the Proposed Development is considered to be a form of mitigation as it means the impacts on Meaux Lane (between A1035 and access to Land Area D west of Meaux Lane) will be phased and therefore Meaux Lane will not be impacted for the full construction period.		Pre-construction									X				**Works Plans [EN010157/APP/2.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
458.	It is proposed to provide passing places along Meaux Road for HGVs to pass. The phasing of constructing the Proposed Development is considered to be a form of mitigation as it means the impacts on Meaux Road (between access to Land Area		Pre-construction									X				**Works Plans [EN010157/APP/2.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	F west of Meaux Road and Access to Land Area F east of Meaux Lane) will be phased and therefore Meaux Road will not be impacted for the full construction period.																		
459.	It is proposed to provide passing places along Carr Lane (Long Riston) for HGVs to pass. The phasing of constructing the Proposed Development is considered to be a form of mitigation as it means the impacts on Carr Lane (Long Riston) will be phased and therefore Carr Lane (Long Riston) will not be impacted for the full construction period.		Pre-construction									X				**Works Plans [EN010157/APP/2.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
460.	It is proposed to provide passing places along Arnold Lane West for HGVs to pass. The phasing of constructing the Proposed Development is considered to be a form of mitigation as it means the impacts on Arnold Lane West will be phased and therefore Arnold Lane West will not be impacted for the full construction period.		Pre-construction									X				**Works Plans [EN010157/APP/2.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
461.	It is proposed to provide passing places along Carr Lane (Arnold) for HGVs to pass. The phasing of constructing the Proposed Development is considered to be a form of mitigation as it means the impacts on Carr Lane (Arnold) will be phased and therefore Carr Lane (Arnold) will not be impacted for the full construction period.		Pre-construction									X				**Works Plans [EN010157/APP/2.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
462.	Drilling launch/reception pits will not be located within 50m of railway infrastructure.		Pre-construction									X				**Design Parameters Document [EN010157/APP/5.8]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
463.	Drilling launch/reception pits will not be located within 10m of a highway verge.		Pre-construction									X				**Design Parameters Document [EN010157/APP/5.8]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
464.	HDD will be a minimum depth of 7m below railway lines. HDD will be a minimum depth of 5m below any public highways.		Pre-construction									X				**Design Parameters Document [EN010157/APP/5.8]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
465.	Where passing places are proposed on public highways, these will be designed to provide a minimum total		Pre-construction									X				**Design Parameters Document [EN010157/APP/5.8]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	

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	carriageway width of 5.5m and a maximum of 8.5m. Passing places will be 20m in length with the provision of 10m tapers at each end.																		
466.	Provision of new access junction into Land Area B from A165 White Cross Road		Pre-construction									X				**Streets, Rights of Way and Access Plans [EN010157/APP/2.3]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
467.	Widening of Carr Lane (Long Riston)/A165 White Cross Road junction bell mouth		Pre-construction									X				**Works Plans [EN010157/APP/2.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
468.	Widening of Black Tup Lane/Carr Lane (Arnold) junction bell mouth		Pre-construction									X				**Works Plans [EN010157/APP/2.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
469.	Widening on bends in the carriageway on Meaux Lane/Meaux Road		Pre-construction									X				**Works Plans [EN010157/APP/2.2]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
470.	Provision of new access junctions into Land Areas B, D, E and F from Meaux Lane/Meaux Road		Pre-construction									X				**Streets, Rights of Way and Access Plans [EN010157/APP/2.3]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.6**	
471.	Temporary speed reduction on Meaux Lane/Meaux Road between junction with A1035 and a point approximately 40m north of Tippet Lane as well as a second section on Meaux Road in the vicinity of the two proposed accesses to Land Area F. The temporary speed reduction is set out in the Traffic Measures Plan [EN010157/APP/2.9].	Monitoring and review of the procedures proposed within the **Outline CTMP [EN010157/APP/7.7]** that will be carried out at an appropriate frequency, to be agreed with the Local Highway Authority. Manage the implementation of management measures on site such as interaction of construction operations and the existing PRoW and this would be monitored for the duration of the construction period.	Pre-construction/Site clearance and preparation Construction						X		X	X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.8** **ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
472.	The Construction Traffic Management Plan will set out measures to avoid, prevent, reduce and/or offset the environmental effects of traffic during construction, and will limit the impact on existing users of the public highway network or those located close to it.	Management and monitoring of the CTMP(s) through the appointment of a CTMP coordinator. The CTMP coordinator is responsible for the successful delivery of the CTMP(s). Monitoring and review of the measures in the Outline CTMP will be carried out at an appropriate frequency, to be	Pre-construction/Site clearance and preparation Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.8** **ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
		agreed with the Local Highway Authority. Data to be collected by the Principal Contractor as part of monitoring e.g., number of breaches of vehicle routing and compliance with health and safety standards																	
473.	The Outline Travel Plan sets out strategies to encourage the use of sustainable transport for the construction workforce to travel to/from the site. This includes details on initiatives to encourage a mode shift away from private car use and minimising the number of single occupancy private car trips through use of minibuses operated by the contractor.		Pre-construction/Site clearance and preparation Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**ES Volume 2, Chapter 14: Transport and Access [EN010157/APP/6.2], Section 14.8u** **ES Volume 2, Chapter 9: Cultural Heritage [EN010157/APP/6.2], Section 9.8**	
474.	The location of main compounds and satellite compounds within the Site will be confirmed once a Principal Contractor is appointed and included in the Construction Traffic Management Plan.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
475.	Main and satellite compounds will also provide space for storage of equipment and materials. The details of which will be finalised through discussions with the Principal Contractor, once appointed and included in the Construction Traffic Management Plan.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
476.	During the construction of the Site accesses, appropriate traffic management measures will be required to control traffic movements through the area of works although most of the works will be undertaken off the highway. Where possible, works will be undertaken outwith the public highway to maintain full traffic operation		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
477.	Internal access tracks within the Site will follow the alignment of existing agricultural tracks, where practicable, limiting the requirement for new crossings of drainage ditches, disturbance to soils or habitat removal.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

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478.	The internal access tracks would typically be constructed of permeable materials such as gravel or crushed concrete. Internal access tracks would have a width of up to 4.5m. Internal access tracks will utilise protective membranes to protect tree root protection areas and archaeological remains, where required.		Construction									X	X			**Outline CEMP [EN010157/APP/7.2]** **Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]** **Outline CTMP [EN010157/APP/7.7]**	
479.	The construction compounds will be constructed on hard standing areas and working areas will be connected by a network of internal access tracks.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
480.	Open-cut trenching methods will be used for the majority of the cable routes within the Site. However, specialist trenchless techniques (such as Horizontal Directional Drilling (HDD)) will used for crossings of higher standard and busier roads such as the A165 and A1079 and Meaux Lane / Meaux Road, subject to agreement with East Riding of Yorkshire Council as the local highway authority. If necessary, open-cut trenching methods will adopt appropriate traffic management measures to control traffic movements through the area of works to facilitate off peak single lane closures, which will be undertaken in accordance with the **Traffic Measures Plan [EN010157/APP/2.9]** and **Street Works, Rights of Way and Access Plans [EN010157/APP/2.3]**.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
481.	If HDD is used, cables will typically cross the carriageway at 90 degrees (perpendicular) to the alignment of the road and will require a working area either side to facilitate the works, minimising disruption to road users.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
482.	Key assumptions in relation to the delivery of general construction materials and plant and the solar infrastructure associated with the Proposed Development are as follows:		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

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	• Solar PV modules and associated electrical equipment will be brought in by road to the relevant main construction compound as containerised goods, anticipated to arrive via a port (most likely Hull). • Substation and battery storage components will arrive at the main construction compounds by road, again anticipated to arrive via a port. • Aggregate will be required to establish construction compounds and internal access tracks, which will be brought in by road from local quarries and storage facilities, the location of which are unknown at this stage but will be sourced from local suppliers, where reasonably practicable. • The vast majority of deliveries are to be distributed across the working days, between 09:00 and 16:00 in order to remain outside the main morning and evening peak periods. However, notwithstanding the above, there will be a short period during the construction phase on each Land Area of approximately 2 weeks in duration when it will be necessary for approximately 10 daily HGV trips (20 HGV two-way movements) to travel to and from the Site which may occur during the AM peak period (between 07:15 and -08:15). A variety of plant will be required at the main construction compounds such as tipper lorry and excavators.																	
483.	Materials, equipment and plant will be delivered to the main construction compounds, each providing loading and unloading areas adequate to accommodate multiple HGVs.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

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	Sufficient space will be provided to ensure vehicles can enter, turn and exit in forward gear.																		
484.	Plant and materials will be stored within the construction compound areas, which will be securely fenced and monitored with CCTV.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
485.	The Principal Contractor will coordinate deliveries and collections associated with the Site to optimise the frequency of deliveries, reduce congestion and make efficient use of delivery vehicles (such as minimising 'empty running'). Vehicles will be checked upon arrival and directed to appropriate waiting and unloading / loading areas.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
486.	The Site is to be accessed via the A-roads nearby -the A165 and A1035 - which are maintained by the local highway authority, East Riding of Yorkshire Council, and do not form part of the SRN. Notwithstanding the above, due to the rural location of the Site it is necessary to use multiple minor roads to provide access the Site. These are Meaux Lane, Meaux Road, Arnold Lane West, Black Tup Lane, Carr Lane (Long Riston) and Carr Lane (Arnold).		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
487.	The construction of the grid connection cable route will briefly require other minor roads Park Lane (Cottingham) and Long Lane (Woodmansey) as well as the A1174 Hull Road. Albeit this will only require a small number of daily HGVs and LGVs during a short period of time to bring in apparatus to undertake the grid connection cable route works. The small number of HGVs using this route will join Park Lane and Long Lane from Northgate (Cottingham), B1233 and A164.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
488.	The HGV routing includes restrictions on routes; it is proposed that HGVs will		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

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	access Meaux Lane from the North via the A1035 (despite the 7.5t Weight Restriction) as they are accessing the Site. HGVs will not access the Site from the South (through Wawne village).																		
489.	All HGV construction traffic must adhere to the final routing strategy in the Construction Traffic Management Plan approved pursuant to the DCO, and contractors will be provided with the routings and timing they must use which will be ensured by making an obligation of the contractors appointment. As part of the Construction Traffic Management Plan control and monitoring measures, deviation from the approved routes (except in exceptional circumstances such as the closure for some reason – roadworks, road traffic accident etc - of the construction traffic route stipulated to a contractor) will result in enforcement procedures and penalties through the contracts between the Principal Contractor and relevant subcontractor or supplier.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
490.	Although all accesses to the Site have been designed to meet current highway standards and in consultation with East Riding of Yorkshire Council, it will also be beneficial to install additional signage to raise awareness of turning traffic. The signage type and location for each access will be agreed in advance with the highways authority and will comply with the Traffic Signs Regulations and General Directions (2016) and its subsequent amendments. The signage and similar works would be undertaken in accordance with the **Traffic Measures Plan [EN010157/APP/2.9]**.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
491.	Advance routing signage may be considered appropriate for the Proposed Development to assist with compliance for HGV routing. As above, the signage type and location will be agreed in advance with the		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

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	local highway authority, should this be considered necessary. All temporary signage and traffic management will be implemented by the Principal Contractor in accordance with the **Traffic Measures Plan [EN010157/APP/2.9]**.																		
492.	The junction of A165 White Cross Road and Carr Lane is to be widened to accommodate a standard length articulated HGV.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
493.	Meaux Lane is proposed to be widened and passing places are provided at several locations in order to accommodate a standard length articulated HGV. A new access junction is proposed to facilitate HGV access to Land Area E via Land Area D on the west side of Meaux Lane.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
494.	Whilst swept paths for the anticipated low-loader have been undertaken, subject to the large load movements taking place, the appointed specialist haulage contractor will undertake a specialist survey of the section of Meaux Lane to be used by the large load movements to ensure the movements can be carried out.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
495.	It is assumed that other materials, equipment and items will be delivered to the Site by HGVs no larger than an articulated HGV (16.5m length).		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
496.	All relevant approvals for Large Load movements will be sought from the relevant teams for the highway authority affected (East Riding of Yorkshire Council, Hull City Council, National Highways as necessary). In the case of National Highways the Abnormal Loads Team will be contacted and the Electronic Service Delivery for Abnormal Loads (ESDAL) System used.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
497.	The Site will be managed by the Principal Contractor during construction so that vehicles and pedestrians using site routes can move around safely. It is important to note		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

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	that staff will be transported to the satellite compounds from the main compound locations.																		
498.	Additional control measures, such as use of banksperson[2] who will be responsible to manage vehicle manoeuvres and gates, will be in place. Internal speed limits will be restricted to a maximum 10mph within the Site, as outlined within the **Traffic Measures Plans [EN010157/APP/2.9]**.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
499.	The Principal Contractor will be responsible for undertaking a dilapidation survey of the road network being used by HGVs (survey extent to be first agreed with East Riding of Yorkshire Council). The A165, A1035 and A1079 are already key routes for HGV transport and therefore the survey will encompass the sections of Carr Lane (Arnold), Carr Lane (Long Riston), Meaux Road, Meaux Lane, Black Tup Lane, and Arnold Lane West that are illustrated on **ES Volume 3, Figure 14.1: Transport and Access Study Area [EN010157/APP/6.3]** and the extents of which will be agreed with East Riding of Yorkshire Council as the local highway authority.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
500.	Dilapidation Surveys will be completed before construction activities commence in order to record any existing damage to kerbs, carriageway surface and street furniture etc. Preventative works may be required before commencement of construction to ensure that these roads are in a suitable condition to accommodate construction traffic.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
501.	Further conditions surveys will be undertaken at a frequency of at least every 12 months and upon completion of construction activities to identify any change in the condition of highway infrastructure. Should any additional damage be reasonably attributed to the		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

[2] bankspeople are operatives trained to direct vehicle movement on or around a site. They are sometimes called traffic marshals

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	construction activities associated with the Proposed Development, remedial repairs will be undertaken to return the infrastructure to the same condition as before the Proposed Development to the reasonable satisfaction of East Riding of Yorkshire Council as the local highway authority.																		
502.	A Delivery Management System will be implemented to control bookings of HGV deliveries from the start of the construction period. This will be used to regulate the arrival times of HGVs via timed delivery slots, as well as to monitor compliance of HGV routing and to ensure HGV movements to/from the Site adhere to their stipulated arrival / departure window. In addition, adequate space will be made available along the proposed access road within the Site to ensure no queuing back onto the surrounding road network occurs. In addition to the above, the following measures are proposed to manage vehicles on Site: • Ensure all vehicles switch off engines when stationary - no idling vehicles. Impose and signpost a maximum speed limit of 10 miles per hour on surfaced and 10 miles per hour on unsurfaced internal access tracks and work areas within the Site.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
503.	Shuttle bus services will be provided in order to transport staff to and from the Site, as well as around the Site from the relevant compound to wherever they are working on a particular day. In the case of staff being bused to the Site from off-site locations; these may include town centre car parks or public transport terminals. Each shuttle bus is anticipated to transport 14 workers per vehicle, the number of vehicles deployed for staff shuttling will align with the number of workers on site		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

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	at that time (as the number of staff will vary throughout the construction phase dependent on construction activities). It is anticipated that shuttle buses will accommodate 50% of staff and the remaining 50% will travel to work by car or van share. Details of these would be identified in the Construction Traffic Management Plan.																		
504.	In the event of an incident along the identified delivery routes, arrangements will be implemented to minimise disruption to other road users and construction activities. This encompasses immediate issues, such as a road traffic collision where delivery vehicles are likely to already be on the highway network. In such an event, once the Principal Contractor is aware of the incident and its location, suppliers will be contacted to inform them and request that their drivers act accordingly. This would include returning vehicles to their origin point or appropriate holding area, for example a roadside service area, to minimise the risk of vehicles adding to congestion. If vehicles are already local to the construction compound, they may be requested to be held at the compound if their exit route is blocked.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
505.	Contractors will monitor such incidents and if any closure is anticipated to be lengthy, alternative routes will be considered on a temporary basis. Emergency routes will be agreed with the local highways authority as part of the Construction Traffic Management Plan with the principle of using the highest classified roads first, for example routing along the A1035 if A165 is closed and vice versa, to minimise the risk of causing congestion on minor roads.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
506.	During the course of the anticipated two-year construction period, it is reasonable to expect that other matters could arise, either as a		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

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	direct result of the Proposed Development or from external influences. These could include, for example, roadworks or other major developments requiring high volumes of construction traffic along routes being used in respect of the Proposed Development. The Principal Contractor will liaise with the local highways authority and, if necessary, other parties to address such matters. This could require the need for alternative routing to avoid third party road closures or changes to the logistics strategy across the Site, for example. The compounds and accesses are designed with sufficient space to accommodate changes, including holding areas. The details of such solutions will be dependent on the matters arising and therefore will be agreed with the local highways authority at the appropriate time																		
507.	A Construction Traffic Management Plan will be prepared to be substantially in accordance with this Outline CTMP for approval pursuant to a DCO requirement and subsequently implemented throughout the duration of the works by the Principal Contractor.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
508.	Temporary traffic management works will be required to comply with the provisions of the Traffic Signs Manual: Chapter 8 Traffic Safety Measures and Signs for Road Works and Temporary Situations (2009). Traffic signs will comply with the Traffic Signs Regulations and General Directions 2016 and its subsequent amendments.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
509.	The overall management and implementation of the Construction Traffic Management Plan will be the responsibility of the Applicant. A Transport Co-ordinator will be appointed by the Applicant to implement, manage and develop the Construction Traffic Management Plan.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

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510.	The coordinator will liaise as appropriate with local transport and traffic groups, parish councils, local planning authorities, local highway authorities and National Highways.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
511.	The exact members of the Traffic Management Working Group, the Terms of Reference, frequency of meeting and its full remit will be agreed included in the Construction Traffic Management Plan.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
512.	The Construction Traffic Management Plan will include details of the following, as appropriate: • Measures to provide for the safety of traffic, the public and construction staff during traffic management works and temporary traffic control measures. • Measures to ensure that the maintenance and condition of the public highway is monitored so that any deterioration can be reasonably remedied following the construction period. Measures also to include that PRoWs (and temporary diversions if required) are maintained throughout the construction period. • Procedures to be followed for the temporary closure or diversion of roads or accesses; including details of required notice periods. • Existing pedestrian, equestrian and cyclist routes, including whether the routes are used by one or more of these groups of road users. • Measures to be implemented to minimise construction traffic impacts and to ensure no overspill staff parking outside the identified parking areas.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	• Details of parking arrangements for site staff and site visitors. • Design and layout of temporary and permanent vehicular accesses to the Site. • Permitted access routes for construction traffic. • Monitoring requirements in relation to the plan. • A programme of traffic management measures to be implemented and details of traffic management proposals for the works on or adjacent to public roads. • Details of phasing of works. • Drawings showing traffic management layouts, signing and apparatus to be implemented, including proposed routes for pedestrians, equestrians and cyclists. • Timing of operations. • A list of roads which may be used by construction traffic in the vicinity of the Site including any restrictions to construction traffic on these routes. • The name and contact details of the Principal Contractor's traffic safety and control officer and information and instructions for members of the public regarding ways to raise specific transport related complaints or request information. • A register of applications for consents associated with temporary traffic management measures and other required consents through the Highways Act and Traffic Management Act etc; • Layout plans of any off-site highways mitigation such as the passing places which would be used by																	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	construction traffic as well as other road users; and • Layout plans of the compounds which will comprise: ➢ Vehicular Access/egress arrangements including visibility splays onto the public highway. ➢ Turning movements within the site especially for articulated HGVs where appropriate so that vehicles enter and leave the site in forward gear. ➢ Internal parking arrangements for staff and visitors. ➢ Storage of materials and waste on site; and Pedestrian/circulation routes within the compound.																		
513.	The Principal Contractor will ensure that all contractor and sub-contractor vehicles arriving at Site comply with all applicable safety measures and legal requirements. Industry best-practice (such as relevant safety accreditation, for example), will be adopted to support the construction phase of the Proposed Development.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
514.	The Principal Contractor will monitor noise, dust and emissions, traffic management schemes, traffic levels on roads and Site accesses and public highways immediately adjacent to Site access points to maintain their effectiveness and condition throughout the works and to provide for the safety of traffic, the public and construction staff during traffic management works. The Principal Contractor will provide information regarding any delays to traffic due to construction works.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
515.	In accordance with Construction (Design & Management) Regulations		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	2015, a detailed strategy for managing health and safety will be developed by the appointed Principal Contractor.																		
516.	Management of the Construction Traffic Management Plan process will be achieved through the identification of a suitable person as the Construction Traffic Management Plan co-ordinator. The Construction Traffic Management Plan co-ordinator will be responsible for managing compliance with the Construction Traffic Management Plan. They will be appointed prior to the commencement of the construction works and will act as the main contact for the Construction Traffic Management Plan, with responsibility for ensuring all measures are implemented, monitoring of the effects of implementation, and taking remedial actions where they are required and addressing issues raised by third parties.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
517.	The Construction Traffic Management Plan co-ordinator will ensure that all construction suppliers and contractors are fully aware and compliant with the requirements within the Construction Traffic Management Plan, such as mandated vehicle routing arrangements and delivery times. To establish the success of the Construction Traffic Management Plan, an effective monitoring and review process must be in place. Monitoring will ensure that that there is compliance with the Construction Traffic Management Plan, and it will assess the effectiveness of the measures and provide the opportunity for review.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
518.	Monitoring and review of the measures in the Outline CTMP will be carried out at an appropriate frequency, to be agreed with the local highway authority. The review will identify failures to comply with the Outline CTMP and detail		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	actions and responsibilities to ensure ongoing compliance.																		
519.	The monitoring of the Construction Traffic Management Plan is important for the following reasons: • It will demonstrate to the local planning authority and local highway authority the effectiveness of the measures implemented and the progress being made towards the aims and objectives of the Construction Traffic Management Plan. • It demonstrates the commitment of the Principal Contractor and of other resources. • It helps to identify any deficiencies within the Construction Traffic Management Plan, including any measures that could be more effective and what adjustments could reasonably be made; and The data can be shared with any other stakeholders as well as inform the local authority of logistics patterns and common issues.		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
520.	A range of data will be collected by the Principal Contractor to monitor key indicators of success, such as the number of breaches of vehicle routing and compliance with health and safety standards. Examples of the types of data collected are listed below: • Highway dilapidation and condition survey with regular reviews of condition of highway • Record of any traffic incidents on site or on the public highway involving construction traffic		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
521.	Arrival / Departure times to/from the site of all vehicles to ensure compliance with		Construction									X				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	stipulated arrival/departure times such as the majority of HGVs arriving/departing between 09:00-16:00 (automatic number plate recognition (ANPR) or global positioning system (GPS) vehicle tracking could be utilised).																		
522.	Any and all incidents of construction traffic being reported on routes other than those which have been stipulated that they must use to travel to/from the Site.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
523.	Compliance with the Construction Traffic Management Plan is vital, ensuring that the objectives are met and impacts on others are minimised. Where non-compliance occurs, an effective enforcement process will be established, using best practice within the industry, prior to construction and set out in the Construction Traffic Management Plan. Restrictions on vehicle routes and other restrictions, such as time periods for deliveries, will be recorded clearly on a map and communicated to all drivers, sub-contractors and suppliers as part of the contracting process. Any non-compliance of restrictions will be encouraged to be reported by local residents through a hotline number / email and will be raised with the appropriate Principal Contractor, sub-contractor or supplier. This can be enforced through their contractual arrangements with the Principal Contractor.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
524.	The Construction Traffic Management Plan co-ordinator will be responsible for communicating with relevant stakeholders about construction activities where they relate to traffic. This includes, but is not limited to, the local highway authority, local residents, PRoW users and businesses. The Construction Traffic Management Plan will be agreed with East Riding of Yorkshire Council as the local highway authority in advance		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	of commencement of construction and any updates will be discussed and agreed through a working group with stakeholders.																		
525.	Local residents and businesses will be informed in advance of any temporary road closures or roadworks that could potentially affect their journey times.		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
526.	In terms of communication with site construction workers, information packs will be provided to all contractors once they have been confirmed/appointed. The information pack will form part of the agreement between the Applicant and the designated contractors. The information pack will include details of the following: a. Code of Good Practice; b. Details of the Transport Co-ordinator; c. Delivery routing restrictions; d. Worker routing; e. Emergency procedures; f. Non-compliance guidance; and g. Complaint procedures		Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	
527.	The Applicant will arrange for a sufficient number of 14-passenger shuttle buses to be provided to accommodate 50% of staff and move them to/from the relevant part of the Site under construction at any one time. It will be pre-arranged with staff who are travelling by shuttle bus and where they will be picked up from / dropped off to, and this will be detailed once the Principal Contractor is appointed.		Construction									**X**				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	
528.	The Principal Contractor will develop and implement the Construction Traffic Management Plan. The Travel Plan will form part of the		Construction									**X**				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	Construction Traffic Management Plan and will be substantially in accordance with this Outline Travel Plan.																		
529.	The Principal Contractor's role in respect of the Travel Plan will include, but not be limited to: • Agreeing the Travel Plan measures in consultation with the applicant and East Riding of Yorkshire Council; and Appointing a Travel Plan Coordinator for the Proposed Development.		Construction									X				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	
530.	The role of the Travel Plan Coordinator, once appointed, will include, but is not limited to: • Leading on the implementation of the agreed Travel Plan measures. • Raising awareness of the Travel Plan and travel options available to construction staff, including the provision of resources in accessible formats, where required; and Carrying out monitoring of the utilisation of the construction compound parking provision, cycle parking and shuttle bus services.		Construction									X				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	
531.	Construction workers will be instructed to travel to one of a number of off-site locations which will be identified once further details are known (such as the location of workers and hotels accommodating workers). Onward transport to the relevant working areas will be facilitated through the use of shuttle buses operated by the Principal Contractor.		Construction									X				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	
532.	It is anticipated that workers who live locally to the Site will be more likely to car or van share. Workers who live further afield, that will be temporarily accommodated in local hotels, will be more likely to travel to the Site by the shuttle bus service. Details of the identified locations will be included in the		Construction									X				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	Travel Plan and Construction Traffic Management Plan.																		
533.	The Travel Plan Coordinator will ensure that suitable arrangements for car or van sharing are arranged and suitable sharing partners are identified.		Construction									X				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	
534.	The dedicated car parks for construction staff are to be located at or adjacent to each of the main construction compounds.		Construction									X				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	
535.	Travel information will be distributed electronically to all construction staff. The information will include: • An introduction to the Travel Plan, highlighting the purpose and key measures being implemented as well as the contact details of the Travel Plan Coordinator. • Instructions relating to car sharing as a condition for those working on the Site and travelling by car. • A map showing the location of the Site / compounds in relation to the local area, highlighting the nearby public transport links and PRoW network within easy walking distance; and Bus timetables of local services and fare information.		Construction									X				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	
536.	The Principal Contractor will regularly review the information provided to ensure that staff are kept up to date with any changes, such as new bus and rail timetables, withdrawn or new services, or new contact details.		Construction									X				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	
537.	The travel information will be kept up to date to reflect any changes to local bus services and keep staff updated with the latest timetables, travel routes and fares.		Construction									X				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	
538.	Monitoring will form part of the Construction Traffic Management Plan as part of		Construction									X				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	wider management of construction traffic and further details will be available in the Construction Traffic Management Plan.																		
539.	Should additional measures be necessary to accommodate the travel needs of staff, either travelling to/from the Site or internally to working areas, these will be reviewed as appropriate by the Applicant, Principal Contractor and Travel Plan Coordinator and discussed with East Riding of Yorkshire Council.		Construction									X				**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Appendix A: Outline Travel Plan - Outline CTMP [EN010157/APP/7.7]**	
540.	Other than locations where span bridges are required to be installed or where existing crossing points or culverts require upgrading, the Proposed Development design will incorporate a minimum offset distance of 10m from all watercourses, ditches and ponds.		Pre-construction/Site clearance and preparation Construction										X			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline CEMP [EN010157/APP/7.2]**	
541.	Utilise permeable compacted gravel or similar for access roads, lay down areas or compounds.		Pre-construction/Site clearance and preparation Construction										X			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline CEMP [EN010157/APP/7.2]**	
542.	The following measures will be employed to avoid/reduce the release of sediment through soil erosion as a result of the Proposed Development: • Installation of access tracks and lay-down areas early in the construction programme; • Use of low-pressure tyres to limit compaction; • Planting riparian vegetation early in the programme, where reasonably practicable; • Minimise/avoid earthworks around watercourses; • Use of silt traps, fences or hay bales in flow paths or on downstream sides of earthworks to intercept sediment; and Use of tillage, or similar, to break up compacted soils.		Pre-construction/Site clearance and preparation Construction										X			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline CEMP [EN010157/APP/7.2]**	
543.	Utilise existing watercourse vehicle crossings wherever possible.		Pre-construction/Site clearance and preparation Construction										X			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]**	

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	Upgrade existing crossings to increase cross sectional area and include wildlife movement features.																	**Outline CEMP [EN010157/APP/7.2]**	
544.	Improved crossings to have larger dimensions than existing (e.g. replace pipe culvert with box culvert).		Construction										**X**			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline CEMP [EN010157/APP/7.2]**	
545.	Use of geomembranes and waterproof coverings of stockpiles.		Construction										**X**			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline CEMP [EN010157/APP/7.2]**	
546.	Constructing and using access tracks early in the programme.		Pre-construction/Site clearance and preparation Construction										**X**			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline CEMP [EN010157/APP/7.2]**	
547.	Appropriate storage of hydrocarbons and other pollutants to reduce the chance for accidental spillage or reduce the chance for entry to water bodies.		Pre-construction/Site clearance and preparation Construction Decommissioning										**X**			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline CEMP [EN010157/APP/7.2]**	
548.	Appropriate pollution prevention such as storage of chemicals on bunded impermeable surfaces, provision of spill kits for rapid clean up.		Pre-construction/Site clearance and preparation Construction Decommissioning										**X**			**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	
549.	Use of low-pressure tyres to limit compaction, where appropriate.		Pre-construction/site clearance and preparation Construction Decommissioning										**X**			**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the principal contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	
550.	Where required, use of tillage, or similar, to break up compacted soils.		Pre-construction/Site clearance and preparation Construction Decommissioning										**X**			**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	
551.	Regular monitoring of the land drains will be undertaken during construction and for a period of 2 years following completion of construction. At the end of the 2 year period the results of the ongoing monitoring will be reviewed and any remedial works will be identified and a plan for their delivery will be implemented.		Pre-construction/Site clearance and preparation Construction										**X**			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline CEMP [EN010157/APP/7.2]**	
552.	Use of HDD or incorporating cables into crossings where		Pre-construction/Site clearance and preparation										**X**			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]**	

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	cable routes cross watercourses.		Construction															**Outline CEMP [EN010157/APP/7.2]**	
553.	Watercourse and defence easements will be identified in the Construction Environmental Management Plan and adhered to by the Principal Contractor and no construction will be undertaken within the relevant easement.		Pre-construction/Site clearance and preparation Construction										**X**			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline CEMP [EN010157/APP/7.2]**	
554.	Utilise an automatic clean agent (gas and/or aerosol) fire suppression system rather than a water-based system.		Operation (including maintenance)										**X**			**Outline OEMP [EN010157/APP/7.3]**	Operation by the operations team	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline BSMP [EN010157/APP/7.6]**	
555.	The re-introduction and use of permeable materials for compounds or lay-down areas.		Decommissioning										**X**			**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline DEMP [EN010157/APP/7.4]**	
556.	Access tracks would remain until late in the programme, or possibly remain in situ with the agreement of the landowners.		Decommissioning										**X**			**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline DEMP [EN010157/APP/7.4]**	
557.	Retain damaged land drains if possible. Reinstatement may be required depending on the proposed land use.		Decommissioning										**X**			**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline DEMP [EN010157/APP/7.4]**	
558.	Retain grassed planted watercourse easements and buffers to also retain benefits in terms of sedimentation and runoff.		Decommissioning										**X**			**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline DEMP [EN010157/APP/7.4]**	
559.	Utilise good land management practices such as tillage, crop rotation and maximising grass cover to retain good soil health and percolation benefits.		Decommissioning										**X**			**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**ES Volume 1, Chapter 5: Approach to the EIA [EN010157/APP/6.1]** **Outline DEMP [EN010157/APP/7.4]**	
560.	The wastes generated on-site and quantity of anticipated waste arisings by the Proposed Development will be confirmed within the Site Waste Management Plan.		Construction												**X**	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
561.	The waste estimated will be formulated from available data upon detailed design of the Proposed Development along with cost estimates.		Construction												**X**	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
562.	All waste arising from the Proposed Development that fall within the scope of the waste definition will be recorded in the Site Waste Management Plan.		Construction												**X**	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
563.	Effluent generated from welfare facilities associated with construction compounds would be collected by the facility provider as per their service agreement.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
564.	At the detailed design phase, in order to minimise waste, the following will be considered as a minimum: • Use of prefabricated and standardised materials wherever possible will reduce waste on-site. Many materials can be produced to a specification to reduce the quantity of offcuts; • The types of materials to be used on the development should be considered, with priority given to recycled and reclaimed materials wherever feasible; and The provision of accurate design specifications to subcontractors and supply chain teams.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
565.	Efficient project management is key to reducing the quantity of waste produced on a site and ensuring that any waste produced is managed sustainably and appropriately wherever possible. The following are steps that will be considered by the Project Manager: • By undertaking work in the correct order, the need for remedial actions will be reduced and as a result the amount of waste produced will also be reduced; • By determining how materials and waste will be moved around the Site the Site manager can ensure that waste is disposed of appropriately and that segregation takes place; • Ensure that all Site staff and sub-contractors gain a suitable site induction that includes awareness of good waste management		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	and the specific measures to be used on-site; • Regular toolbox talks on good waste management can be used to make sure that everyone who comes to Site knows how to reduce, re-use and recycle at the Site; • 'Just-in-time' delivery strategies can reduce waste created by improper storage and weather damage. Therefore, arrange deliveries of materials to align with project construction stages where practicable. This will help avoid materials being stored on-site longer than necessary and reduce the risk of damage; • Check contracts with suppliers and the supplier's haulier for return of packaging. It is often the case that the supplier contract will include a clause for return of packaging, but this is not included in the contract with their haulier. These issues should be identified and resolved as early as possible to prevent problems on-site; and Consider suppliers that offer reusable packaging schemes.																	
566.	To reduce the potential impacts from materials and waste and achieve levels of sustainability, the Principal Contractor will apply the principles of the waste hierarchy and adopt best practice measures which go beyond statutory compliance.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
567.	When considering waste management options for the Proposed Development, the Principal Contractor will take into consideration the Site's location, natural environment, and available infrastructure. The Principal Contractor will consider the following options when determining the		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	preferred waste management option for each waste stream.																		
568.	Should any contaminated material be discovered, this will not be used on-site. The Site Waste Management Plan will detail the process of dealing with contaminated material on-site.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
569.	The Principal Contractor will engage with the team or individuals tasked with procurement of materials and services to ensure best practice procedures are employed to prevent residual resources at the Site. A range of good practice measures may include the following: • Select procurement routes to minimise unnecessary packaging – for example applying 'Just-in-Time' delivery processes to minimise material spoilage; • Use of 'consolidation centres' to support Just-in-Time delivery – these are strategically-located storage and distribution facilities where materials can be stored prior to Just-in-Time delivery to sites; • Implement ordering procedures and supply chain systems that avoid waste i.e. no over-ordering, use of take-back schemes for packing, material surplus and offcuts; • Select procurement routes that minimise unnecessary packaging; and Plan the work sequence to reduce potential for on-site residual resource generation.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
570.	The following approaches will be implemented, where practicable, to further minimise the quantity of waste arising and requiring disposal: • Reuse of materials on-site wherever feasible, e.g., reuse of excavated soil for landscaping, recycling of demolition materials into aggregates;		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	• Off-site prefabrication, where practical, including the use of prefabricated elements; • Segregation of waste at source, where practical, to facilitate a high proportion of and high-quality recycling; and Off-site reuse, recycling and recovery of materials and waste where reuse on-site is not practical, e.g., through use of an off-site waste segregation or treatment facility or for direct reuse or reprocessing off-site.																		
571.	The Principal Contractor will store excavated soils and earthworks materials on-site in stockpiles until required for use as detailed further in the **Outline SMP [EN010157/APP/7.8]**.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
572.	Construction materials that are stored on-site must be in designated areas that are flat, accessible and secure in order to avoid damage or loss which could render the materials unusable (waste) and require replacement materials to be purchased. Materials must be stored in appropriate conditions to avoid damage through, for example, water ingress or vermin. Materials must be retained in their original packaging to protect them from damage.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
573.	The Principal Contractor must ensure that during construction the Site incorporates designated waste storage areas for skips or similar suitable waste receptacles.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
574.	At the waste storage areas, the Principal Contractor must segregate waste into the following types as a minimum: inert; wood; metals; packaging; general waste; hazardous solid wastes; hazardous liquid wastes.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
575.	The Principal Contractor will implement the following waste		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	management procedures where practicable: • All waste containers must be secure and ensure that no waste is allowed to escape; • All waste containers must be clearly labelled using a colour coding system so that users know which wastes can be placed in each container. Waste containers must be appropriately colour coded using generic colour codes, as shown in **Figure 5-1** below; • Lockable storage will be provided for all hazardous waste; • All waste containers must be sited at least 10m away from watercourses, ditches, and other areas of environmental sensitivity; • Liquid wastes must be stored in enclosed/lidded containers and stored within a suitable bunded area, or otherwise provided with secondary containment; • Separate containers must be provided for each type of hazardous waste; • Each type of hazardous waste must not be mixed with any other hazardous or non-hazardous waste; • Sewage from the Site offices/compounds will drain to septic tank and be collected by a suitable specialist waste contractor; and Portable toilet facilities on-site (Portaloo's, etc.) must be emptied by the facility provider as per their service agreement.																	
576.	The Principal Contractor will manage all waste generated by the Proposed Development in accordance with legal requirements. The Principal Contractor must record details of the proposed waste carrier for each waste stream, with		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	Waste Carriers License details appended to the Site Waste Management Plan.																		
577.	The Principal Contractor will ensure that the following information is recorded for all waste facilities used (where required and relevant): • Contractor's name; • Date(s) of waste removal; • Type(s) of waste removed (i.e. non-hazardous waste, hazardous waste, inert (specify); • Method of treatment, recovery or disposal (i.e. reuse, recycling, incineration, landfill etc.); • Volume or weight of waste removed; • Recovery rate achieved; and Costs associated with waste removal, transport and treatment, including Landfill Tax charges where applicable.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
578.	For excavated materials, suitable treatment, recycling and disposal facilities within a reasonable proximity of the Proposed Development would be identified by the Principal Contractor. For construction and demolition waste, suitable treatment, recycling and disposal facilities within a reasonable proximity of the Proposed Development would also be identified by the Principal Contractor.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
579.	The Principal Contractor would further identify and appoint appropriate Waste Carriers and Waste Management Facilities prior to the construction elements of the works commencing. For the purposes of the Proposed Development, the transportation of material resources and waste arisings would take place by road and rail. Waste Carriers and Waste Management Facilities will be confirmed within the Site Waste Management Plan.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
580.	The Principal Contractor must ensure that all movements of		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	waste from Site are accompanied by a Waste Transfer Note, which will detail specific information. The Principal Contractor's Site Materials and Waste Manager or another competent person will check that each Waste Transfer Note contains the following (where required and relevant): • The name of the person receiving the waste and what they are authorised to do with that waste as a Registered Waste Carrier can only transport waste; • Type of waste; • The Standard Industrial Classification (SIC) code; • The six-digit European Waste Code (EWC) code; • Address of the producing site and details of the waste producer; • Waste carrier's details including registration number; • Quantity of waste; • How it is contained (e.g. 8 cubic yard skip); • Address of the receiving site (e.g. landfill) and the Environmental Permit or Exemption No. associated with the receiving site; • The date to which the Waste Transfer Note applies; • If the material is non-hazardous waste and it is destined for disposal directly to landfill, pre-treatment must have been applied and a declaration detailing the treatment applied appended to the Waste Transfer Note; and A declaration that the waste has been treated in line with the requirements of the waste hierarchy.																	
581.	The Site representative signing the Waste Transfer Note must ensure all Waste Transfer Notes are placed in the Site Waste Management File and		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	kept for a minimum period of two years for non-hazardous waste. By signing a Waste Transfer Note, the Site representative is confirming that all the details are correct and that the material is to be sent by a licensed waste carrier to a suitably licensed receiving site, permitted to receive that type of waste. The signature completes the Waste Transfer Note as a legal document. The Site Materials and Waste Manager or other competent person signing the Waste Transfer Note must additionally ensure that the Waste Carrier is using a suitable vehicle with adequate, covered containment for the waste.																		
582.	The Principal Contractor must ensure that a Hazardous Waste Consignment Note is completed for every movement of hazardous waste. The Hazardous Waste Consignment Note must be prepared before the waste is moved. Prior to signing, the Site Materials and Waste Manager or another competent person must ensure that the Hazardous Waste Consignment Note includes: • Hazardous Waste Premises Code; • Consignment note code; • SIC Code; • Name and address of the site from which the waste is being moved; • Date of removal; • Type of waste produced, including the quantity and the EWC code; • The name of the person who is receiving the waste and what they are authorised to do with that waste (e.g. registered waste carrier can only transport waste); • The final disposal site that is authorised to accept the waste; and		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	Retention period for hazardous waste																		
583.	The Principal Contractor must retain a copy of the Hazardous Waste Consignment Note for a minimum of three years.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
584.	The Principal Contractor must retain all waste documentation at the main Site compound and, following completion of the Proposed Development's construction, at the Principal Contractor's head office. This includes: • The Site Waste Management Plan (two years after end of construction of the Proposed Development); • Waste transfer documentation (two years for Waste Transfer Notes and three years for Hazardous Waste Consignment Notes); • Copies of any exemptions or permits; and Copies of waste carrier and treatment/disposal site licences or permits.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
585.	The Principal Contractor must establish appropriate control and management measures for the storage, dispensing, containment and use of all fuels, oils and COSHH materials and wastes that will be required during construction.		Construction					X							X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
586.	The storage, dispensing, containment and use of fuels, oils and COSHH materials have the potential to cause significant damage to the environment. Causes of environmental incidents linked to fuel, oil and COSHH materials on construction sites include: • Delivery and use of materials; • Overfilling of storage containers; • Plant or equipment failure; • Containment failure;		Construction					X							X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	• Accidents and vandalism; and Mixing of inappropriate materials and wastes.																		
587.	Records of all waste movements off-site will be retained by site management for the required time and these records will outline how waste was managed and demonstrate compliance with Duty of Care with respect to construction waste.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
588.	Regular inspection and audit of all waste management records and activities on-site will be undertaken to ensure that the relevant legislation and any good practice measures within the Site Waste Management Plan are complied with. Inspections and audits will be arranged by management teams at appropriate intervals and records of these inspections and audits will be retained.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
589.	All staff will remain vigilant of ground conditions at all times and any suspect areas of potential contamination will report to the Site Manager. Should any potentially contaminated ground, including isolated 'hotspots' of contamination and/or potential deposits of asbestos containing materials be encountered, the Principal Contractor will be required to investigate the areas and assess the need for containment or disposal of the material. Advice should be sought from an environmental specialist should materials suspected of being contaminated be found. The Principal Contractor will also be required to assess whether any additional health and safety measures are required. Detailed procedures for management of contamination including asbestos will be included within the Site Waste Management Plan.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
590.	The Principal Contractor must review the Site Waste Management Plan at least		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	once every six months during the construction of the Proposed Development to ensure that targets are being achieved and that realistic solutions are provided for unplanned events of abnormal wastes. The Principal Contractor must also review the Site Waste Management Plan if there is any significant change to the Proposed Development. This review will involve the completion and submission of a monitoring report to the Applicant (or its representative) in an agreed format.																		
591.	The Principal Contractor will incorporate the Site Waste Management Plan requirements into the Site induction and training procedures and must provide on-site instruction of appropriate construction materials and waste separation, handling, recycling, reuse and return methods to be used by all parties at all appropriate stages during the construction of the Proposed Development. The Principal Contractor must ensure that all personnel working on the Site, including sub-contractors, are inducted and appropriately trained.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
592.	The Site Waste Management Plan will be used to describe the progress on site against waste management forecasts also to be developed alongside this plan. This will also allow for any changes to the works or to accommodate new legislative requirements. An overall internal compliance audit will be undertaken routinely, at least once every three months, and a report generated for management record. The plan will be reviewed and updated as appropriate but at least once every six months to record details of the different types and quantities of waste resulting from the works.		Construction												X	**Outline SWMP [EN010157/APP/7.10]**	Construction by the Principal Contractor	**Outline SWMP [EN010157/APP/7.10]**	
593.	The Principal Decommissioning Contractor will be responsible for working in accordance with the approved Decommissioning		Decommissioning	X	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	Environmental Management Plan(s) which will contain the environmental controls outlined in this Outline DEMP. The overall responsibility for implementation of the Decommissioning Environmental Management Plan(s) will lie with the Principal Decommissioning Contractor as a contractual responsibility to the Applicant.																		
594.	Further details of site security and fencing to be installed during the decommissioning phase will be included in the Decommissioning Environmental Management Plan(s).		Decommissioning	X	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
595.	All decommissioning lighting will be deployed in accordance with the following requirements to prevent or reduce the impact on human and ecological receptors: • The use of lighting will be minimised to that required for safe site operations; • Lighting will conform to best practice guidelines with respect to minimising light spill into adjacent habitats and prevent disturbance to bats and other species during decommissioning; • Lighting will utilise directional fittings to minimise outward light spill and glare (e.g. via use of light hoods/cowls which direct light below the horizontal place, preferably at an angle greater than 20° from horizontal); and • Lighting will be directed towards the interior of the Site rather than towards the boundaries.		Decommissioning	X	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
596.	Monitoring and reporting will be undertaken for the duration of the decommissioning phase in order to demonstrate the effectiveness of the requirements and measures set out in the Decommissioning Environmental Management Plan(s) and related decommissioning controls and		Decommissioning	X	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	

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	allow for corrective action to be taken where necessary.																		
597.	As part of the monitoring process the suitably qualified person will be present on-site throughout the decommissioning phase and when new activities are commencing. The suitably qualified person will observe site activities and report any deviations from the Decommissioning Environmental Management Plan(s), along with the action taken and general conditions at the time. The Applicant will be informed of any deviations from the Decommissioning Environmental Management Plan(s) as soon as reasonably practicable following identification of such issues, and if required further follow up will be sought. The suitably qualified person would also act as day-to-day contact with relevant local authorities and other regulatory agencies such as the Environment Agency.		Decommissioning	X	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
598.	During decommissioning, the suitably qualified person will conduct walkover surveys to ensure all requirements of the Decommissioning Environmental Management Plan(s) are being met. Action from these surveys will be documented on an Environmental Action Schedule, discussed with the Site Manager for programming requirements and issued weekly for actioning.		Decommissioning	X	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
599.	The suitably qualified person will also arrange regular formal inspections and audits to ensure the requirements of the Decommissioning Environmental Management Plan(s) are being met. Details of monitoring, inspection and audits to be undertaken will be provided in the Decommissioning Environmental Management Plan(s).		Decommissioning	X	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
600.	The Decommissioning Environmental Management Plan(s) will be updated if it is necessary to add additional control measures, with a full		Decommissioning	X	X	X	X	X	X	X	X	X	X	X	X	**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	

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	review as required throughout the decommissioning period. Existing control measures and mitigation will not be amended without prior agreement with the relevant local authority.																		
601.	An Emergency Response Plan will be developed to provide a framework for responding to environmental incidents and emergencies		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
602.	Good housekeeping and site maintenance will be required, including management of materials and waste		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
603.	Best practice measures will be adhered to in order to reduce pollution		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
604.	Records will be maintained relating to routine inspections, investigations, corrective actions and action schedules		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
605.	Any potential mitigation measures or remediation works that are determined to be necessary, once an assessment of site investigation results has been completed, will be undertaken.		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
606.	The following measures will be taken, as a minimum, with regard to safe and responsible fuel storage: • Fuel levels shall be monitored and recorded regularly (sudden changes may be a sign of leaks). • Fuel tanks, secondary containers and storage compounds shall be inspected regularly for damage, corrosion, leaks, faults and vandalism. Repair defects/faults immediately and retain records. • The secondary containment system must provide storage for at least 110% of the tanks maximum capacity and ensure that any valves, filters, sight gauges, vent pipes or other ancillary equipment are also situated within the secondary containment		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	system and arranged so that any discharges would be contained. • Fully lockable and labelled 'Fuel Safe Static Tank' will be deployed. • Sufficient spill kits will be provided. Spill kit supply to be monitored regularly to ensure adequate stock remains full. • Spill kits will be available within each plant onsite and located close to identified pollution sources or sensitive receptors (fuel storage areas, water course crossings, etc.). • All drains located adjacent or near to refuelling points shall be covered by a drain guard before commencing transfer. All fuel transfers to be supervised. • Drums must be stored in a secure interceptor drum store within the designated refuelling area. • Oil spill and oil impacted water must be collected in a fuel safe container with fuel tags. Fuel spills must be contained using the spill kits provided, spills should be reported to the Principal Contractor's Site Manager immediately. • Records must be maintained of all environmental incidents, mitigation works, clean up method and validation. A suitable container for hazardous wastes must be provided within the waste compound.																	
607.	The following measures will be taken, as a minimum, with regard to safe and responsible refuelling: • Where possible, refuelling should only be carried out in a designated area, which will be secured/locked out of hours.		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	• The refuelling area shall be located away from drains and watercourses (>10m from a watercourse and >50 meters from a spring, well or borehole). • Areas of permanent waste oil/fuel/chemical storage will be located 50m away from watercourses or drainage paths. Where this is not possible, advice will be sought from the ECoW and a minimum distance will be agreed with the Applicant. • Refuelling will always be supervised by a competent supervisor. Mobile plant must be refuelled away from surface waters, drains, permeable pavements and open excavations. A fuel drip tray must be used.																		
608.	The following measures will be taken, as a minimum, with regard to safe and responsible use and storage of hazardous materials/substances; • Concrete wash-out onsite shall only be permitted when the Principal Contractor has provided a designated, suitably prepared wash-out area with signage identifying the area as suitable for wagon wash-out. • Concrete wash-out may be dried and crushed to be re-used on Site or disposed of in accordance with a Site Waste Management Plan. Surplus dry concrete, cement and grout is to be collected and reused where reasonably practicable e.g., as inert rubble; reuse of dried materials may require environmental permits or exemptions. • Areas of permeable pavements are not to be used for the temporary storage of cement bags. If unavoidable ensure adequate protection measures are in place to		Decommissioning					**X**								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	prevent the pavement from becoming blocked. • The Principal Contractor is responsible for carrying out a risk assessment of each substance and ensuring that all appropriate storage, protective equipment and if necessary, emergency procedures are put in place on Site. • All hazardous materials shall be labelled, sealed and stored with their COSHH assessment in a bunded and lockable container away from drains and watercourses when not in use. • COSHH datasheet will be read and understood before using any hazardous materials. • Any spent (contaminated) spill kits, absorbent granules, sheets or fibres must be disposed of in accordance with COSHH regulations and Site Waste Management Plan requirements. • Hazardous liquids shall be transferred using a funnel and drip tray and sealed and returned to the container immediately after use. Damaged containers shall be reported to the Site Manager. • All usages of hazardous liquids shall comply with its requirements for safe handling and storage. • Hazardous liquids must be re-sealed after use. Empty containers are to be disposed of to the designated container within the waste compound. Decommissioning workers are required to wear PPE such as gloves and face masks (where appropriate) to prevent dermal contact and inhalation or ingestion.																	
609.	The following measures will be taken, as a minimum, with		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	regard to safe and responsible decommissioning: • Minimise the use of builders skips and inspect lifting and locking points, doors and door locks and general condition weekly as minimum. • Provide a suitable and sufficiently sized materials storage compound that is lockable and provides an above-ground covered area, protected from wind and rain. Storage compounds will be located away from any identified water features. Surplus materials are to be reused onsite where reasonably practicable. All reuse and recycling to be carried out in accordance with the terms of a valid waste exemption or voluntary codes of practice/protocols. • Excavated material surplus shall be minimised so far as practicable; details of all inert material reuse onsite including composition and disposal location must be mapped and records retained. • If necessary temporary bunding and/or settlement ponds will be installed to allow for isolation and onsite treatment of any sediment laden or contaminated water prior to discharge to the drainage system. • Spill kits capable of dealing with hydrocarbon and chemical spills shall be available at all worksites. Each storage location shall be clearly visible to the workforce, for instance by deploying clear signage. • If a compound, fuel storage point or COSHH store is provided then additional spill kits will need to be available at each separate location.																	

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	• The spill kit contents shall include absorbent pads, absorbent booms, absorbent granules and hazardous waste disposal sacks as a minimum. Regular checks of the spill kits shall be completed to ensure they remain adequately stocked to deal with environmental incidents. Spill drills shall be performed periodically to confirm that the workforce can effectively contain and clear up potentially polluting spillages. All drills will be documented and details kept on record for the duration of the works.																		
610.	The following measures will be taken, as a minimum, with regard to spillages and leaks: • All pollution incidents should be managed through the STOP – CONTAIN – NOTIFY concept. • STOP: Immediately stop the discharge to prevent further spread to drainage, waterbody or ground. • CONTAIN: Control the spill to prevent environmental impact, such as by stopping works or using containment material. Personal safety take priority, especially if the spill substance is unknown. • NOTIFY: Promptly inform the appropriate authorities and contacts e.g. Environment Agency and the Applicant. • Oil, Fuel or Chemical Spill to Ground: ➢ Wearing protective clothing, stop release at the source and secure the area. ➢ Create temporary bunds to contain the spill if it is migrating. ➢ Protect nearby drains/ditches using drain seals or spill kit materials.		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	➢ Absorb the spill with granules or pads from the spill kit. • Notify the Environment Agency with details on time, type/quantity, location, and site contact information. ➢ Inform the Applicant and Local Planning Authority if required under Environmental Damage Regulations. ➢ Keep containment in place until contamination is assessed and a remediation strategy is developed. • Oil, Fuel or Chemical Spill to Waterbody: ➢ Wearing protective clothing, prevent further release at source and contain the spill. ➢ Deploy booms from the spill kit across the water to stop spread; tie them to banks and add more as needed. ➢ Notify the Environment Agency with discharge details and inform the Applicant. • Oil, Fuel or Chemical Spill to Drainage System: ➢ Wearing protective clothing, stop further release and deploy drain covers to affected gullies. • Supplement containment with booms around the gully to control migration. ➢ Notify the Environment Agency and relevant water company with details on discharge time, type/quantity, specific drain location, and contact information. Notify the Applicant and Environment Agency as needed.																		

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611.	The following measures will be taken, as a minimum, with regard to silt discharge: • Cease dewatering or other activity causing silt release. • Use drain seals, hay bales, silt fencing, or bunds to contain and direct silt away from sensitive areas. If the silt discharge enters drains or surface waters without prior approval, notify the Environment Agency and relevant water company.		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
612.	The following measures will be taken, as a minimum, with regard to contamination involving waste materials: • Evacuate the area if necessary, especially if fumes are present. • Assess whether segregation of waste can mitigate the issue. • Conduct a risk assessment including COSHH considerations. • If segregation is unsafe, classify the entire waste volume as hazardous. • Report the incident to the Applicant. Dispose of waste according to standard site procedures.		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
613.	Should unexpected contamination be discovered, the following measures will be employed: • Halt works immediately upon discovering contamination. • Place removed impacted materials back into the excavation or onto a membrane to prevent further spread. • Report the discovery to the Applicant. • Arrange for fast-turnaround sampling and testing. • Continue work only once contamination is confirmed and a safe working procedure is established. • Do not excavate further without supervision from a		Decommissioning					X								**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	

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	geo-environmental engineer.																		
614.	Measures will be put in place to mitigate the risk of mammal entrapment from open trench cutting, and this risk will be considered within the Riparian Mammal Species Protection Plan, which will be completed as part of the Landscape and Ecological Management Plan.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s) and Landscape and Ecological Management Plan.	Construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
615.	A risk assessment of damaged land drains will be completed. This assessment will determine if mitigation is required to protect controlled waters.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s).	Construction					**X**								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
616.	To avoid the potential for disturbance of wintering birds within the mitigation areas, completion of the activities most likely to disturb birds (e.g. piling, installing tracks, laying cables etc.) will be avoided during winter (October to March) within fields adjacent to the mitigation areas (Fields E4, E5 and E15, E17 and D17). Only activities less likely to disturb birds (e.g. commissioning works including panel installation) would take place in these fields during winter, if necessary. Should this not be possible, acoustic barriers would be installed for the construction period to provide a noise and visual barrier, in addition to any hedgerow screening already in place.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s).	Construction		**X**					**X**						**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
617.	Signage surrounding the Site will be provided for dog walkers instructing them to keep their dogs on a lead.	If required, monitoring measures will be identified in the Operational Environmental Management Plan(s).	Operation (including maintenance)		**X**			**X**	**X**							**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**Outline OEMP [EN010157/APP/7.3]**	
618.	If required, cleaning of solar PV modules would be carried out using deionised water.	If required, monitoring measures will be identified in the Operational Environmental Management Plan(s).	Operation (including maintenance)		**X**			**X**								**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**Outline OEMP [EN010157/APP/7.3]**	
619.	Construction traffic accessing the Site via Park Lane will be restricted and managed in order to ensure that there is no construction traffic along Northgate and Harland Way during the pick-up and drop-off times for primary schools and secondary schools in Cottingham. The times will be confirmed with local schools, accounting for potential school	If required, monitoring measures will be identified in the Construction Traffic Management Plan	Construction									**X**				**Outline CTMP [EN010157/APP/7.7]**	Construction by the Principal Contractor	**Outline CTMP [EN010157/APP/7.7]**	

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	hours changes and will be set out in the Construction Traffic Management Plan. Based on the current school year, it is anticipated that the restricted times will be Monday to Friday 07:30 to 09:00 and 15:00 to 16:30.																		
620.	As with all soil handling operations, stockpiled soils will only be handled when in a suitable dry and friable condition, to be decided by a suitably trained person	If required, monitoring measures will be identified in the Soil Management Plan and Construction Environmental Management Plan(s)	Construction					**X**								**Outline SMP [EN010157/APP/7.8]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]** **Outline CEMP [EN010157/APP/7.2]**	
621.	Field margins will remain as open corridors for animals to disperse. If security fencing would otherwise block access to a badger sett, then the fencing will be designed and micro-sited in those locations to allow access for badger, by ensuring mammal access points are included within the fencing, such as gaps under the fencing to allow badgers to push under the fence at low points to access the setts and enable them to continue to forage under Solar PV modules. Depending on the results of the pre-construction surveys, mammal gates will be installed at appropriate locations along the fence lines to allow badgers and other small mammals access into fields for foraging. Details of these mammal access points will be provided within the final Landscape and Ecological Management Plan once the results of pre-construction surveys are known.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Construction Environmental Management Plan(s)	Construction		**X**				**X**							**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	
622.	The mitigation areas will be designed to provide suitable habitat for golden plover, lapwing, mallard, teal, and black-headed gull.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Construction Environmental Management Plan(s)	Construction		**X**											**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]00Outline CEMP [EN010157/APP/7.2]** 0	
623.	In order to provide habitats suitable to support lapwing and golden plover and increase the carrying capacity of these areas, new wader scrapes with wet grassland are proposed in Mitigation Areas 11 and 13 (Fields E6 and E13/14), and a permanent pasture (flower rich neutral grassland) will be created surrounding the scrapes and	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Construction Environmental Management Plan(s)	Construction		**X**											**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	

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	within Mitigation Area 9 (Field D18). These habitats will be created sufficiently in advance of construction works to allow establishment prior to the first winter to ensure appropriate habitat is available prior to the beginning of construction activity. As recommended by Natural England, the scrapes would be created at the same time as the ground is prepared to ensure sward establishment.																		
624.	The scrapes would be a minimum of 20m^2 in area with an irregular shape and will be designed to fill naturally with rainwater during the winter months and dry slowly during the spring. Depth across the scrapes will be a shallow gradient to a maximum depth of 45cm. The wader scrapes would also be suitable for use by waterfowl and gulls, including mallard, teal and black-headed gull.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Construction Environmental Management Plan(s)	Construction		X			X								**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	
625.	Should pre-construction hydrological studies indicate the need to line scrapes to ensure they hold water, this will be done using locally sourced soil with lower permeability to increase water retention.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Construction Environmental Management Plan(s)	Construction		X			X								**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]MMOutline CEMP [EN010157/APP/7.2]**	
626.	The area around the scrapes in Mitigation Areas 11 (Fields E6), and 13 (Fields E13/14) and Mitigation Area 9 (Field D18) will be sown with a flower rich neutral grassland, which will be managed as permanent pasture to increase foraging resources for wintering birds. The grassland areas would be suitable for foraging and roosting golden plover, lapwing, mallard, teal and black-headed gull.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan, Construction Environmental Management Plan(s), and Operational Environmental Management Plan(s)	Construction, Operation (including maintenance)		X			X								**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]**	Construction by the Principal Contractor Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]**	
627.	Mitigation will be set aside without panels and will be managed for the benefit of ground nesting birds by sowing to a flower rich neutral grassland and managing by either taking a late summer hay cut or grazing after birds have nested and young have fledged. This mitigation will be fields of 2ha and above as it is considered that ground nesting birds require large open fields and are less likely to use areas smaller than 2ha.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Construction Environmental Management Plan(s)	Construction		X			X								**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	

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628.	Over 103ha of suitable mitigation area is available for nesting Skylarks and other ground nesting birds in fields almost or larger than 2ha. In addition to the 103ha of ground nesting bird mitigation, management of the land beneath the solar PV modules, by the creation of flower and legume-rich other neutral grassland, will ensure an abundant supply of insects for ground nesting birds during the breeding season. In addition, some (approximately) 300m of the margins of fields (between the security fence and the field boundary) will be sown with a winter seed mix to provide a seed source for species such as skylark and corn bunting (*Emberiza calandra*) during the winter period. In this manner ground nesting birds have a suitable food supply during both the breeding and non-breeding season which will likely boost the carrying capacity of the land set aside for ground nesting birds.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Construction Environmental Management Plan(s)	Construction		**X**											**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]PPOutline CEMP [EN010157/APP/7.2]**	
629.	An additional 9.5ha of ecological enhancement will be created within the Proposed Development. The areas of ecological enhancement will include habitat such as flower-rich other neutral grassland which will boost invertebrate numbers and provide additional foraging habitat, all of which will boost the carrying capacity of skylarks and other ground nesting birds in the local vicinity. Within the areas proposed as open grassland, a general meadow seed mix will be used, for example Emorsgate EM1 seed mix (or similar).	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Construction Environmental Management Plan(s)	Construction		**X**											**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	
630.	Appropriate fencing will be installed alongside the permissive paths running through or adjacent to Humber Estuary SPA mitigation areas and some of the ground nesting bird mitigation areas, to ensure sufficient screening and prevent access into the bird mitigation areas. The fencing will be designed to allow wildlife to pass through the area.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Construction Environmental Management Plan(s)	Construction		**X**											**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	

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631.	The areas of flower-rich neutral grassland within Mitigation Areas 9, 11 and 13 will be managed with the aim of achieving no net loss of mallard, teal, golden plover, lapwing and black-headed gull across the Site, compared to the species populations recorded during the baseline surveys. The no net loss target will take into consideration national trends as a limit of acceptable change.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Operational Environmental Management Plan(s)	Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]** **Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]** **Outline OEMP [EN010157/APP/7.3]**	
632.	All areas of flower-rich neutral grassland will be managed with the aim of achieving no net loss of ground nesting birds across the Site, compared to the species recorded during the base line surveys and increasing the local carrying capacity to 0.56 skylark territories per ha. The no net loss target will take into consideration national trends as a limit of acceptable change. Management of these areas will be undertaken between late August and September to avoid the peak nesting bird season and wintering bird season.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Operational Environmental Management Plan(s)	Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]** **Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]** **Outline OEMP [EN010157/APP/7.3]**	
633.	Should monitoring indicate that grass sward height likely to be restricting ground nesting birds utilising grassland during the breeding season then remedial action will occur, this could involve cutting a number of squares 25m^2 within the grassland in early March (ground conditions permitting) to create shorter sward conditions for ground nesting birds. Sward height will also be monitored to ensure that cutting or grazing create a relatively short sward (up to 25cm) during the winter months for foraging lapwing and golden plover.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Operational Environmental Management Plan(s)	Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]** **Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]** **Outline OEMP [EN010157/APP/7.3]**	
634.	To ensure successful sward establishment, multiple cuts and removal of arising will occur in the first year in order to help the grasses to tiller and to create open, well-lit conditions for seedling establishment. Following the first year, a later hay cut will be undertaken	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Construction Environmental Management Plan(s) Operational	Construction and operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]**	Construction by the Principal Contractor Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]** **Outline OEMP [EN010157/APP/7.3]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	(late August or September) with cuttings removed. Alternatively, appropriate low-density livestock through the summer to maintain a short sward will be undertaken. The area should not be cut or managed between July and August to give the sown species the opportunity to flower, and to avoid nesting birds. The area should not be cut or disturbed between October and March to prevent disturbance to wintering birds. Once flowering is complete the hay cut can commence to around 50 mm height. The hay should be left to dry and shed seed for 1 – 7 days and then removed.	Environmental Management Plan(s)																	
635.	Any patches of grassland which have not successfully germinated 6-8 weeks after sowing will be resown. This may by necessity be in the subsequent seeding season. Reinstate areas as required ensuring seed matches existing in species composition and quality.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan	Construction Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
636.	Scrapes will be created prior to seeding of the surrounding area. The scrape itself will not be seeded. The scrapes will be a minimum of 20m^2 in area with an irregular shape and maximum depth of 45 centimetres. The topsoil will be removed to a maximum depth of 60 centimetres and the subsoil compacted to improve water retention. A layer of topsoil approximately 15cm deep will be placed back over the compacted subsoil. The remaining excavated soil will be either spread thinly across the rest of the field or appropriately positioned around the scrape to further retain water. The edges of the scrapes will be of a shallow gradient, to increase the area of muddy edge that will be exposed as the spring progresses and the water level drops. Scrapes will be allowed to naturally fill with water over the winter.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan and Construction Environmental Management Plan(s)	Construction		**X**											**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]** **Outline CEMP [EN010157/APP/7.2]**	
637.	To keep the edges of scrapes open, with no build-up of rushes or rank grassland, it	If required, monitoring measures will be identified in the	Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	may occasionally be required to cut the vegetated edges. The vegetated edges should be cut no lower than 150mm from ground level using hand tools, if grazing is not possible. Scrapes tend to re-vegetate and in-fill over a period of years. The surface of scrapes will be disturbed every two years or within a shorter period if deemed appropriate, in order to prevent over-vegetation. This will be achieved through use of rotovating or discing machinery, with an open/even finish in the margins. Re-excavation will be considered every 10 to 15 years. Management practises should be undertaken between late August and September to prevent disturbance to breeding and wintering birds. Water levels should be allowed to fluctuate as dictated by rainfall and winter flooding.	Landscape and Ecological Management Plan																
638.	The Site is assumed to support a population of water vole (Arvicola amphibius). The Environmental Statement has not identified any direct impact on water voles, but the scoping response from the Environment Agency, has suggested that monitoring and control of mink (Neovison vison) would allow enhancement to the water vole population. Further details are provided within the Consultation Report appendices [EN010157/APP/5.2]. Prior to starting the mink control, the Applicant will attempt to consult with the Yorkshire Wildlife Trust to discuss whether the mink control measures within the Land Areas can be coordinated alongside existing mink control projects within the wider catchment.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan	Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
639.	Undertake wintering bird survey to ascertain if SPA/ Ramsar site bird species using mitigation areas described above and over the wider solar farm. Survey results will be compared against the	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan	Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	populations recorded during the baseline surveys to assess the effectiveness of the mitigation areas. Target of no net loss of mallard, teal, golden plover, lapwing and black-headed gull taking into consideration national trends as a limit of acceptable change.																		
640.	Unsuspected Contamination 1) In the event that contaminated land, including groundwater, is found at any time when carrying out the Proposed Development, which was not previously identified in the ES, then no further development (unless otherwise approved in writing by the relevant authorities) shall be carried out within the identifiable perimeters of the area in which the suspected contamination is located. It must be reported as soon as reasonably practicable to the Secretary of State, the Environment Agency and East Riding of Yorkohire Council, and the undertaker must complete a risk assessment of the contamination in consultation with the Environment Agency and the East Riding of Yorkshire Council.o2) Where the undertaker determines that remediation of the contaminated land is necessary, a written scheme and programme for the remedial measures to be taken to render the land fit for its intended purpose must be submitted to and approved by the Environment Agency and East Riding of Yorkshire Council. 3) Remediation must be carried out in accordance with the approved development.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s) and Decommissioning Environmental Management Plan(s)	Construction Decommissioning					**X**							**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	Construction and decommissioning by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]** **Outline DEMP [EN010157/APP/7.4]**	
641.	Any remediation of contamination that is determined to be necessary prior to decommissioning works commencing for the Proposed Development would be carried out in accordance with the Environment Agency's Land Contamination Risk Management guidance. A remediation strategy would be prepared and the Environment Agency will be Consulted on the contents of the strategy.	If required, monitoring measures will be identified in the Soil Management Plan and Construction Environmental Management Plan(s)	Construction						**X**							**Outline SMP [EN010157/APP/7.8]** **Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]** **Outline CEMP [EN010157/APP/7.2]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
642.	Yorkshire Water Services will be included as a consultee on documents such as Hydrogeological Risk Assessments.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s)	Construction					X								**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
643.	The duration of temporary PRoW closures would be limited to a maximum of three months, barring any unforeseen delays outside of the Applicant's control. In reality, any closures would likely be in place for one or two days only given the nature and speed at which the connection cable work can be completed.	If required, monitoring measures will be identified in the Rights of Way and Access Management Plan	Construction					X			X					**Outline RoWAMP [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline RoWAMP [EN010157/APP/7.9]**	
644.	Details on a timetable of closure for PRoW, which will be linked to the construction phasing works, will be provided within the Rights of Way and Access Management Plan, once a Principal Contractor has been appointed.	If required, monitoring measures will be identified in the Rights of Way and Access Management Plan	Construction					X			X					**Outline RoWAMP [EN010157/APP/7.9]**	Construction by the Principal Contractor	**Outline RoWAMP [EN010157/APP/7.9]**	
645.	Following reinstatement of PRoW located within the grid connection cable corridor, for a period of up to seven years, should any settlement be identified, this could be reported to the Agricultural Liaison Officer, Community Liaison Officer or East Riding of Yorkshire Council's Countryside Access Team by a member of the public or landowner. An inspection to identify if any repair is required would be arranged. Should any restoration works be required that are attributed to the Proposed Development, they would be agreed with East Riding of Yorkshire Council and the relevant landowner and undertaken by the Applicant.	If required, monitoring measures will be identified in the Rights of Way and Access Management Plan	Operation (including maintenance)													**Outline RoWAMP [EN010157/APP/7.9]**	Operation (including maintenance) by the operations team	**Outline RoWAMP [EN010157/APP/7.9]**	
646.	Grassland and wetland scrape habitats will be created prior to construction activities within this vicinity to mitigate the loss of functionally linked land from the Humber Estuary SPA and Ramsar Site, as well as the loss of suitable ground nesting bird habitats. This would also provide suitable foraging habitat for foraging bats.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan	Pre-construction		X			X	X							**Outline LEMP [EN010157/APP/7.5]**	Pre-construction	**Outline LEMP [EN010157/APP/7.5]**	
647.	There would be temporary habitat loss (agricultural land, small sections of hedgerows and ditches where culverts would be installed) during the	If required, monitoring measures will be identified in the Landscape and	Construction		X			X	X							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	anticipated 24-month construction period. This would be associated with construction activities, such as laydown areas, site compounds, haul routes, installation of interconnecting cable routes, and the grid connection cable route. These habitats would be reinstated following completion of the Proposed Development. Such measures will be outlined in the Construction Environmental Management Plan.	Ecological Management Plan																	
648.	There would also be long-term habitat change of agricultural land during the 40-year lifetime of the Proposed Development, which will be under the footprint of the solar PV modules and associated above ground infrastructure. Land under and around the margins of the panels will be managed to benefit biodiversity.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan	Operation (including maintenance)		X			X	X							**Outline LEMP [EN010157/APP/7.5]**	Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
649.	In the event land drains are found during the creation of the scrapes they will be appropriately protected and suitable mitigation will be installed to reduce water drainage within the scrape area whilst ensuring the land drain remain functional. Should soil types with greater permeability be discovered during scrape creation, the scrapes will be positioned to avoid these areas.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan	Construction		X			X	X							**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
650.	Detailed design of the Proposed Development, including final plant locations and selections, would be undertaken by means of operational noise assessment and secured by Requirement 12 in the **Draft DCO [EN010157/APP/3.1]**. This requirement secures that prior to operation, an operational noise assessment containing details of mitigation must be submitted to and approved by the relevant planning authority. This would include the specification and positioning of noise barriers around substations and hybrid packs as necessary.	If required, monitoring measures will be identified in the Operational Environmental Management Plan(s)	Operation (including maintenance)							X						**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**Outline OEMP [EN010157/APP/7.3]**	
651.	Operational noise levels would adhere to the adopted noise criteria as agreed with East Riding of Yorkshire Council	If required, monitoring measures will be identified in the Operational	Operation (including maintenance)							X						**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**Outline OEMP [EN010157/APP/7.3]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	and outlined within **ES Volume 1, Chapter 12: Noise and Vibration [EN010157/APP/6.2] [APP-048].**	Environmental Management Plan(s)																**ES Volume 2, Chapter 12: Noise and Vibration [EN010157/APP/6.2]**	
652.	The grid connection cable underneath the River Hull would use an insulating layer made of cross-linked polyethylene, or similar.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s)	Construction					**X**							**X**	**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
653.	Where land access permits, pre-construction water vole surveys would be undertaken 100m downstream and upstream from proposed culverts and watercourse crossing points, in accordance with the Water Vole Mitigation Handbook, which relate to watercourses assessed as 'suitable but poor to optimal suitability' within **ES Volume 4, Appendix 7.7: Water Vole and Otter Habitat Suitability Report (Figure 2) [EN010157/APP/6.4]**.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s)	Pre-construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]** **ES Volume 4, Appendix 7.7: Water Vole and Otter Habitat Suitability Report (Figure 2) [EN010157/APP/6.4]**.	
654.	Where land access permits, pre-construction otter surveys of suitable habitat within 200m of the proposed works would be undertaken.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s)	Pre-construction		**X**											**Outline CEMP [EN010157/APP/7.2]**	Pre-construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
655.	The Archaeological Management Strategy and the archaeological evaluation and mitigation measures contained therein will be adhered to.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s) and Archaeological Management Strategy	Construction				**X**									**Outline CEMP [EN010157/APP/7.2]** **Archaeological Management Strategy [EN010157/APP/7.11]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]** **Archaeological Management Strategy [EN010157/APP/7.11]**	
656.	Long-term spoil storage will avoid areas of archaeological sensitivity as defined following the programme of archaeological fieldwork laid out in the Archaeological Management Strategy.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s) and Archaeological Management Strategy	Construction				**X**	**X**								**Outline CEMP [EN010157/APP/7.2]** **Archaeological Management Strategy [EN010157/APP/7.11]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]** **Archaeological Management Strategy [EN010157/APP/7.11]**	
657.	Construction activities within Fields E4, E5, and E15, E17, D17 (adjacent to the Humber Estuary designated sites Mitigation Areas) will be avoided during winter (October to March). This includes but is not limited to vegetation clearance, piling, installing tracks and laying cables.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s)	Construction		**X**					**X**						**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	
658.	During the HDD work, no water will be abstracted from the River Hull or its tributaries. Water will be brought to the	If required, monitoring measures will be identified in the Construction	Construction						**X**				**X**			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
	construction site and stored in water bowsers. Wastewater from the HDD wastewater (including bentonite) will be incarcerated within the launch pit and transported to a specialised local facility for disposal.	Environmental Management Plan(s)																	
659.	The 116 ha available within the Order Limits will mitigate for the 65 skylark territories whilst additional 9.15 ha of designated ecological enhancement area as well as herbal ley underneath the solar PV modules which will increase invertebrate prey during the breeding season and this coupled with the provision of winter bird seed on 5% of margins will likely increase the carrying capacity of ground nesting birds locally	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan	Construction		**X**											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor	**Outline LEMP [EN010157/APP/7.5]**	
660.	Monitoring results with regards mitigation for wintering bird species will be provided to Natural England.	If required, monitoring measures will be identified in the Landscape and Ecological Management Plan	Construction Operation (including maintenance)		**X**											**Outline LEMP [EN010157/APP/7.5]**	Construction by the Principal Contractor Operation (including maintenance) by the operations team	**Outline LEMP [EN010157/APP/7.5]**	
661.	The design of the BESS will adhere to the required standards, guidelines, and principles (as set out in the **Outline Battery Safety Management Plan [EN010157/APP/7.6]**) to minimise the likelihood of a fire.	If required, monitoring measures will be identified in the Battery Safety Management Plan	Pre-construction										**X**			**Outline BSMP [EN010157/APP/7.6]**	Pre-construction	**Habitat Regulation Assessment – Information to Informa Appropriate Assessment [EN010157/APP/5.3]** **Outline BSMP [EN010157/APP/7.6]**	
662.	The **Outline CEMP [EN010157/APP/7.2]** would secure any mitigation at the construction phase. This includes a specific Horizontal Directional Drilling methodology, specifically to manage the risk of bentonite breakout. This covers the following (the Construction Environmental Management Plan will be made site-specific once the Principal Contractor has been appointed):	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s)	Construction						**X**				**X**			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Habitat Regulation Assessment – Information to Informa Appropriate Assessment [EN010157/APP/5.3]** **Outline CEMP [EN010157/APP/7.2]**	
663.	If required, post-consent monitoring of electromagnetic fields in relation to cabling under the River Hull will be detailed and secured within the Operational Environmental Management Plan.	If required, monitoring measures will be identified in the Operational Environmental Management Plan(s)	Operation (including maintenance)		**X**											**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**Habitat Regulation Assessment – Information to Informa Appropriate Assessment [EN010157/APP/5.3]**	
664.	The Applicant will engage with the Figham Pasture Masters and East Riding of Yorkshire Council on the proposed soil management procedures prior to submission of the Soil Management Plan to East	If required, monitoring measures will be identified in the Soil Management Plan	Construction				**X**									**Outline SMP [EN010157/APP/7.8]**	Pre-construction by the Principal Contractor	**Outline SMP [EN010157/APP/7.8]**	

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	Riding of Yorkshire Council for approval.																		
665.	Maintenance activities in relation to proposed drainage infrastructure, as set out in ES Volume 4, Appendix 5.6: Flood Risk Assessment [EN010157/APP/5.6], include the following: <u>Subbase storage</u> • Remove litter and debris from subbase storage; • Inspect filter drain surface, inlet/outlet pipework and control systems for blockages, clogging, standing water and structural damage; • Inspect inlets and perforated pipework for silt accumulation and establish appropriate silt removal frequencies; • Inspect for evidence of poor operation and/or weed growth – if required take remedial action; • Replacement of gravel; • Jetting perforated pipe; and • Replacement of geotextile wrap. <u>Pipework, manholes, flow control chambers, catch pits and silt trapso</u>Stabilise adjacent areas; • Remove litter and debris; • Clear any poor performing structures; and • Inspect all structures for poor operation.	If required, monitoring measures will be identified in the Operational Environmental Management Plan(s)	Operation										**X**			**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**ES Volume 4, Appendix 5.6: Flood Risk Assessment [EN010157/APP/5.6]**	
666.	Signage will be provided for dog walkers instructing them to keep their dogs on a lead. Areas and/or footpaths where this applies will be confirmed in the Operational Environmental Management Plan.	If required, monitoring measures will be identified in the Operational Environmental Management Plan(s)	Operation (including maintenance)		**X**											**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**Outline OEMP [EN010157/APP/7.3]**	
667.	Implement measures to decrease fuel use by maximising energy efficiencies, for example to ensure all vehicles switch off engines when stationary and ensure vehicles are well maintained and conform to current emissions standards.	If required, monitoring measures will be identified in the Operational Environmental Management Plan(s).	Operation (including maintenance)			**X**										**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**Outline OEMP [EN010157/APP/7.3]**	

Commitment Reference	Commitment	Monitoring	Project Phase	Air Quality	Biodiversity	Climate Change	Cultural Heritage	Land, Soil and	Landscape and	Noise and	Population	Transport and	Water	Glint and Glare	Materials and	Commitment Securing Mechanism	Delivery	Associated Supporting Documentation	Compliance Date and Details
668.	Maintenance activities in relation to proposed drainage infrastructure, as set out in **ES Volume 4, Appendix 5.6: Flood Risk Assessment [EN010157/APP/5.6]**, include the following: <u>Subbase storage</u> • Remove litter and debris from subbase storage; • Inspect filter drain surface, inlet/outlet pipework and control systems for blockages, clogging, standing water and structural damage; • Inspect inlets and perforated pipework for silt accumulation and establish appropriate silt removal frequencies; • Inspect for evidence of poor operation and/or weed growth – if required take remedial action; • Replacement of gravel; • Jetting perforated pipe; and • Replacement of geotextile wrap. <u>Pipework, manholes, flow control chambers, catch pits and silt traps</u> • Stabilise adjacent areas; • Remove litter and debris; • Clear any poor performing structures; and Inspect all structures for poor operation.	If required, monitoring measures will be identified in the Operational Environmental Management Plan(s).											X				**Outline OEMP [EN010157/APP/7.3]**	Operation (including maintenance) by the operations team	**Outline OEMP [EN010157/APP/7.3]**	
669.	An environmental risk assessment will be completed prior to the decommissioning phase for cables left in situ.	If required, monitoring measures will be identified in the Decommissioning Environmental Management Plan(s).	Decommissioning					X							X	**Outline DEMP [EN010157/APP/7.4]**	Decommissioning by the Principal Contractor	**Outline DEMP [EN010157/APP/7.4]**	
670.	A drainage strategy is proposed in **ES Volume 4, Appendix 5.6: Flood Risk Assessment [EN010157/APP/6.4]** which follows a Sustainable Drainage Systems (SuDS) led approach that is proportionate to the proposals. Priority 1 of the National Standards for SuDS requires water re-use and will be adhered to.	If required, monitoring measures will be identified in the Construction Environmental Management Plan(s).	Construction										X			**Outline CEMP [EN010157/APP/7.2]**	Construction by the Principal Contractor	**Outline CEMP [EN010157/APP/7.2]**	

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