AQUIND Limited

AQUIND INTERCONNECTOR

Mitigation Schedule

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Regulation 5(2)(q)

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WSP

WSP House

70 Chancery Lane

London

WC2A 1AF

+44 20 7314 5000

www.wsp.com

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TABLES

1. MITIGATION SCHEDULE

1.1.1.1. This schedule sets out the mitigation controls and other best practice measures identified in the Environmental Statement ('ES') (document reference 6.1) and identifies the means by which those controls and measures will be secured.

1.1.1.2. The first column provides a unique reference number for each item included in the Mitigation Schedule. The second column identifies the paragraph number of the ES where the mitigation measure is referenced. The third column identifies the potential impact or topic which the mitigation measure is intended to address or relates. The fourth column summarises the mitigation measures, as set out in the ES. The fifth column identifies the Control Document within which mitigation measure will be implemented and the sixth column the means by which the mitigation measure will be secured.

Table 1 – Mitigation Schedule

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
Chapter 1: Introduction					
This chapter does not include any mitigation measures.					
Chapter 2: Consideration of Alternatives					
This chapter does not include any mitigation measures.					
Chapter 3: Description of the Proposed Development					

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
This chapter does not assess the magnitude of potential impacts, nor the significance of likely effects of the proposed development, as this is addressed within individual technical assessments within the Environmental Statement (Chapters 6 - 29). Any mitigation referred to in this chapter is therefore addressed in the relevant chapter below.					
Chapter 4: EIA Methodology					
This chapter does not include any mitigation measures.					
Chapter 5: Consultation					
This chapter does not include any mitigation measures.					
Chapter 6: Physical Processes					
6.1	6.6.2.1. Table 6.13	Route and Cable design	The route has been planned to avoid hard substrate as far as possible to ensure that the cable can be buried. The route has also been planned to minimise the requirement for pre-sweeping of mobile sediments in the form of bedforms (sand waves and large ripples). This process	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			comprises ongoing route development – comprising the initial desk-based assessment and route planning, route surveys and further engineering consideration. The bundled cable design means that only two trenches will be required for burial along the route (except for a very short stretch seaward of the HDD entry / exit)		
6.2	6.6.2.1. Table 6.13	Cable burial	Pre-sweeping operations will be undertaken only where necessary i.e. where bedforms cannot be avoided, thereby minimising sediment disturbance and potential resuspension. Any pre-swept trench will be kept to a	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			minimum possible length, width and depth, such that cable burial can proceed effectively and result in a stable burial depth. Installation of the cable to a stable burial depth will minimise the requirement for any additional cable protection and future disturbance.		
6.3	6.6.2.1. Table 6.13	Disposal Operations	Disposal of dredged material is restricted to beyond KP 21 of the Marine Cable Corridor. The disposal area is located between KP 21 and KP 109.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan] Draft DCO, Schedule 19, DML Part 1, Condition 2 (7) [Details of Licensed Marine Activities] Draft DCO, Schedule 19, DML Part 2, Condition 8 (3) [Disposal of inert material]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
					Draft DCO, Schedule 19, DML Part 2, Condition 8 (4) [Reporting of disposal]
6.4	6.6.2.1. Table 6.13	Cable protection	The use of non-burial protection measures will be minimised. It is the intention that the cable will be buried wherever possible along the route. Where protection is required (i.e. at cable crossings), its profile will be minimised to reduce effects on seabed currents.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
6.5	6.6.2.1. Table 6.13	Effect of construction equipment on physical environment	During construction all necessary equipment will remain on site for the minimum practical period of time in order to ensure any influence on the physical environment is of	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (c) [Construction Programme] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1)

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			short duration and localised to the operation to be carried out.		(e) [Cable Burial and Installation Plan]
6.6	6.6.2.1. Table 6.13	Cable maintenance and repair	The Proposed Development has been designed so that routine maintenance to the marine cable is not required during its operational lifetime (40 years).	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 11 (1) [Cable Burial Management Plan]
Chapter 7: Marine Water and Sediment Quality					
7.1	7.6.2.1.	Disposal	Disposal of dredged material is restricted to beyond WFD jurisdiction (plus 3 km) to eliminate effects on WFD water bodies of the Marine Cable Corridor	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan] Draft DCO, Schedule 19, DML Part 1, Condition 2 (7) [Details of Licensed Marine Activities] Draft DCO, Schedule 19, DML Part 2, Condition 8 (3) [Disposal of inert material]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
					Draft DCO, Schedule 19, DML Part 2, Condition 8 (4) [Reporting of disposal]
7.2	7.6.2.1.	Inert Materials	Any coatings/treatments used will be suitable for use in the marine environment.	Deemed Marine Licence Marine Outline Construction Environmental Management Plan ('CEMP') (Document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 8 (1) [Chemicals, drilling and debris] Draft DCO, Schedule 19, DML Part 2, Condition 8 (2) [Chemicals, drilling and debris storage] Draft DCO, Schedule 19, DML Part 2, Condition 8 (3) [Disposal of inert material] Draft DCO, Schedule 19, DML Part 2, Condition 8 (5) [Rock material] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
					Environment Management Plan]
7.3	7.6.2.1.	Project Plans	Adoption of project plans and procedures for marine pollution prevention, risk reduction and waste management to eliminate and mitigate the potential risk to water quality receptors.	Marine Outline CEMP (Document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
7.4	7.6.2.1.	Cable Burial	Prevention of cable abrasion, corrosion and damage (and therefore maintenance and repair requirements) by burial to an anticipated minimum target depth of 1.0 m over approximately 90% of the Marine Cable Corridor.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
7.5	7.6.2.1.	Abrasion/ Corrosion	The cable bundles are insulated and protected by layers of polyethylene, including an anti-corrosion layer which is highly resistant to degradation as industry best practice to limit the potential for abrasion and corrosion.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
7.6	7.6.2.1.	Distributed Temperature Sensing System	Distributed Temperature Sensing System (DTS) via two fibre optic cables will be laid within the cable bundle, which can be utilised to facilitate cable maintenance and repair by reducing cable inspection requirements, localise potential areas requiring maintenance.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
Chapter 8: Intertidal and Benthic Ecology					

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
8.1	8.6.3.3.	Route Design	The route has been planned to avoid hard substrate as far as possible to ensure that the cable can be buried. The route has also been planned to minimise the requirement for pre-sweeping of mobile sediments in the form of bedforms (sand waves and large ripples). This process comprises ongoing route development – comprising the initial desk-based assessment and route planning, route surveys and further engineering consideration.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
8.2	8.6.3.4.	Cable Design	The bundled cable design means that only two trenches will be required for burial along the entire route (except for a	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			very short stretch seaward of the HDD entry / exit)		Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
8.3	8.6.3.6.	Disposal	No disposal of dredge material will occur inside WFD waters (plus a 3 km buffer) in order to limit sediment loading in this area of increased sensitivity.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan] Draft DCO, Schedule 19, DML Part 1, Condition 2 (7) [Details of Licensed Marine Activities] Draft DCO, Schedule 19, DML Part 2, Condition 8 (3) [Disposal of inert material] Draft DCO, Schedule 19, DML Part 2, Condition 8 (4) [Reporting of disposal]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
8.4	8.6.3.5.	Project Plans	Adoption of project plans and procedures for marine pollution prevention, risk reduction and waste management to eliminate and mitigate the potential risk to benthic receptors.	Marine Outline CEMP (Document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
8.5	8.6.3.2.	Cable Protection	The use of non-burial protection measures will be minimised. It is the intention that the cable will be buried wherever possible along the route.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
8.6	8.6.3.7.	Cable maintenance and repair	The Proposed Development has been designed so that routine maintenance to the marine cable is not required during its operational lifetime (40 years).	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 11 (1) [Cable Burial Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
8.7	8.6.3.7.	Distributed Temperature Sensing System	Distributed Temperature Sensing System (DTS) via two fibre optic cables will be laid within the cable bundle, which can be utilised to facilitate cable maintenance and repair by reducing cable inspection requirements, localise potential areas requiring maintenance.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
8.8	Table 8.7	Micro-siting	The final cable route will be micro-routed to avoid any Annex 1 reef habitats.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 3 (1) and (2) [Pre-construction surveys] Draft DCO, Schedule19, DML Part 2, Condition 10 (1) (b) [Post-construction surveys]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
8.9	8.8.2.2.	Micro-siting	Disposal of dredge material will not be undertaken within areas of brittlestar bed habitats (plus a suitable buffer) to avoid significant effects.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 3 (1) and (2) [Pre-construction surveys]
Chapter 9: Fish and Shellfish					
9.1	9.6.2.3.	Cable burial	The use of cable burial techniques which minimise the area of seabed affected.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
9.2	9.6.2.3.	Disposal	Disposal of dredged material is restricted to beyond KP 21 of the Marine Cable Corridor.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan] Draft DCO, Schedule 19, DML Part 1, Condition 2 (7)

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
					[Details of Licensed Marine Activities] Draft DCO, Schedule 19, DML Part 2, Condition 8 (3) [Disposal of inert material] Draft DCO, Schedule 19, DML Part 2, Condition 8 (4) [Reporting of disposal]
9.3	9.6.2.3.	Pollution prevention, risk reduction and waste management	Adoption of plans and procedures for marine pollution prevention, risk reduction and waste management to eliminate and mitigate potential pollution risk. These procedures are outlined in the Marine Outline CEMP (document reference 6.5) submitted with the Application and secured through the dML.	Marine Outline CEMP (Document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
9.4	9.6.2.3.	Cable burial	Although this relates more to the protection of the asset, the minimum cable target depth of 1 m will reduce any potential effect of EMF on sensitive species	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
9.5	9.6.2.3.	Cable protection	Minimising the use of non-burial protection to reduce the effect of permanent habitat loss.	Deemed Marine Licence Marine Outline CEMP (Document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
Chapter 10: Marine Mammals and Basking Sharks					
10.1	10.6.2.1.	Construction impacts on Marine Mammals and Basking Sharks	General construction best practice will be managed through provision of a CEMP.	Marine Outline CEMP	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
				(Document reference 6.5)	Environment Management Plan]
10.2	10.6.2.28	Increased anthropogenic noise from potential sheet piling at the onshore HDD entry point locations	Sheet piling will not occur at HDD2 or HDD3 locations during October to March inclusive (see Section 10.6.1).	Outline Landscape and Biodiversity Strategy (Document Ref: 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping]
Chapter 11: Marine Ornithology					
11.1	11.6.1.2	Vessels	Navigational protocols including the use of appropriate markings and lights will be in place to avoid vessel collisions, and thus reduce risk of pollution events.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 7 (2) [Aids to Navigation]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
11.2	11.6.1.3	Construction impacts on marine birds	General construction best practice will be managed through provision of a CEMP.	Marine Outline CEMP (Document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
11.3		Disposal	Disposal of dredged material is restricted to beyond KP 21 of the Marine Cable Corridor.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan] Draft DCO, Schedule 19, DML Part 1, Condition 2 (7) [Details of Licensed Marine Activities] Draft DCO, Schedule 19, DML Part 2, Condition 8 (3) [Disposal of inert material]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
					Draft DCO, Schedule 19, DML Part 2, Condition 8 (4) [Reporting of disposal]
11.4	11.6.7.10 11.6.7.36 11.8.1.2	Potential Disturbance/ Displacement Effects on marine birds	A winter working restriction is proposed for terrestrial and intertidal features of Chichester and Langstone Harbours SPA (Appendix 16.14). This restriction would prevent sheet piling at HDD2 and HDD3 from being undertaken between the months of October to March, inclusive.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping]
Chapter 12: Commercial Fisheries					
12.1	12.6.2.1. 12.6.2.2.	Notice to Mariners	Circulation of information via Notice to Mariners, Radio Navigational Warnings, NAVTEX, and/or broadcast warnings in advance of and	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 2 (7) [Kingfisher Information Service] Draft DCO, Schedule 19, DML Part 2, Condition 2 (8)

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			during the marine works. Information will also be circulated to local ports, harbours and marinas in the area. The notices will include a description of the work being carried out.		[Commencement Notice to Mariners] Draft DCO, Schedule 19, DML Part 2, Condition 2 (9) [Notice to Mariners and VHF Broadcasts]
12.2	12.6.2.1.	Marking	CLVs will display appropriate marks and lights, and broadcast their status on AIS at all times, to indicate the nature of the work in progress, and highlight their restricted manoeuvrability.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 7 (2) [Aids to Navigation]
12.3	12.6.2.1.	Aids to navigation	Temporary aids to navigation will be deployed (if required) to guide vessels around any areas of installation or decommissioning activity.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 7 (2) [Aids to Navigation]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
12.4	12.6.2.1.	Guard vessels	Guard vessel(s) will be employed where appropriate, to work alongside the installation vessel(s) during any work carried out. The guard vessel(s) will alert third party vessels to the presence of the installation or decommissioning activity and provide assistance in the event of an emergency.	Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
12.5	12.6.2.1.	Exclusion zone	A rolling 500 m exclusion zone around dynamically positioning ('DP') vessels and up to 700 m around barges that require anchor spreads will be requested during the construction phase and monitored by the guard vessel(s).	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
12.6	12.6.2.1.	Cable exposure	Where cable exposures exist that would result in significant risk to receptors, guard vessels will be used until the risk has been mitigated e.g. burial and/or other protection methods.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
12.7	12.6.2.1.	Liaison	Liaison with local ports and harbours	Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
12.8	12.6.2.1.	Cable Burial and Installation Plan	Agreement of Cable Burial and Installation Plan (through the deemed Marine Licence ('dML')) including vessel procedures required; - for installation within the Dover Straits TSS in	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			consultation with the Dover CNIS and Dover Straits TSS Working Group forum. - to manage access to Langstone Harbour when works are being undertaken in areas adjacent to the harbour entrance.		
12.9	12.6.2.1.	Fisheries Liaison Officer (FLO)	A FLO will be in place.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) (iv) [Fishery Liaison Officer]
12.10	12.8.2.1.	Cable exposure	Minimising period of time the marine cables are left exposed, where possible.		Draft DCO, Schedule 19, DML Part 2, Condition 2 (12) [Notice of Cable Exposure]
12.11	12.8.2.1.	IFWG	Establishment of an Inshore Fisheries Working Group	Marine Outline CEMP	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
				(document reference 6.5)	Environment Management Plan]
12.12	12.6.2.2.	Marking	The Proposed Development will be clearly marked on nautical charts in line with UKHO requirements, with associated note/warning	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 2 (10) [Notification to UK Hydrographic Office]
12.13	12.6.2.2.	Marking	Details of the marine cable locations and associated non-burial protection will be included in fishermen's awareness charts issued by Kingfisher.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 2 (7) [Kingfisher Information Service]
12.14	12.6.2.2.	Cable protection	The marine cables will be suitably protected, e.g. buried where feasible, to help protect against snagging from fishing gear and risk from vessel	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1)

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			anchors. Cable burial and non-burial protection will be informed by a Cable Burial Risk Assessment (the current target burial depth is between 1 m and 3 m)		(e) [Cable Burial and Installation Plan]
12.15	12.6.2.2.	Cable protection	Any non-burial protection measures used (e.g. rock placement) will not reduce the existing water depths by greater than 5%.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
Chapter 13: Shipping, Navigation and Other Marine Users					
13.1	13.6.1.5.	Notice to Mariners	Circulation of information via Notice to Mariners, Radio Navigational Warnings, NAVTEX, and/or broadcast warnings in advance of and during the marine works. Information will also be	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 2 (7) [Kingfisher Information Service] Draft DCO, Schedule 19, DML Part 2, Condition 2 (8) [Commencement Notice to Mariners]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			circulated to local ports, harbours and marinas in the area. The notices will include a description of the work being carried out.		Draft DCO, Schedule 19, DML Part 2, Condition 2 (9) [Notice to Mariners and VHF Broadcasts] Draft DCO, Schedule 19, DML Part 2, Condition 2 (12) [Notice of Cable Exposure]
13.2	13.6.1.5.	Marking	Cable Laying Vessels will display appropriate marks and lights, and broadcast their status on AIS at all times, to indicate the nature of the work in progress, and highlight their restricted manoeuvrability.	Deemed Marine Licence Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan] Draft DCO, Schedule 19, DML Part 2, Condition 7 (2) [Aids to Navigation]
13.3	13.6.1.5.	Aids to navigation	Temporary aids to navigation will be deployed (if required) to guide vessels around any	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			areas of installation or decommissioning activity.	Marine Outline CEMP (document reference 6.5)	Environment Management Plan] Draft DCO, Schedule 19, DML Part 2, Condition 7 (2) [Aids to Navigation]
13.4	13.6.1.5.	Guard vessels	Guard vessel(s) will be employed where appropriate, to work alongside the installation vessel(s) during any work carried out. The guard vessel(s) will alert third party vessels to the presence of the installation or decommissioning activity and provide assistance in the event of an emergency.	Deemed Marine Licence Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
13.5	13.6.1.5.	Safe Passing Distance	A rolling 500 m recommended safe passing distance around dynamically positioning ('DP')	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1)

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			vessels and up to 700 m around barges that require anchor spreads will be requested during the construction phase and monitored by the guard vessel(s).	Marine Outline CEMP (document reference 6.5)	(e) [Cable Burial and Installation Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
13.6	13.6.1.5.	Cable exposure	Where cable exposures exist that would result in significant risk to receptors, guard vessels will be used until the risk has been mitigated e.g. burial and/or other protection methods;	Deemed Marine Licence Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
13.7	13.6.1.5. 13.6.2.2.	Liaison	Liaison with local ports and harbours, in particular close liaison will be required with the Langstone Harbour Authority to ensure procedures are put in place to manage access to the port when works are being undertaken in areas adjacent to the harbour entrance	Deemed Marine Licence Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
13.8	13.6.1.5.	Cable Burial and Installation Plan	Agreement of a Cable Burial and Installation Plan (through the dML including vessel procedures required; - for installation within the Dover Straits TSS in consultation with the Dover CNIS and Dover Straits TSS Working Group forum; and.	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			- to manage access to Langstone Harbour when works are being undertaken in areas adjacent to the harbour entrance.		
13.9	13.6.1.5.	Fisheries Liaison Officer (FLO)	A Fisheries Liaison Officer will be in place.	Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
13.10	13.8.1.1.	Cable exposure	Minimising period of time the marine cables are left exposed, where possible.	Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan] Draft DCO, Schedule 19, DML Part 2, Condition 2 (12) [Notice of Cable Exposure]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
13.11	13.8.1.1.	Ports and Harbours	Targeted circulation of information about the Proposed Development to ports and harbours and regular commercial operators (e.g. ferries) prior to marine works commencing	Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
13.12	13.8.1.1.	Sailing clubs	Circulation of information to relevant local sailing clubs along the south coast of the UK to increase the likelihood that sailors are made aware of the temporary installation work.	Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
13.13	13.8.1.1.	Sailing Races	Scheduling of any marine cabling works to avoid significant races (e.g. Cowes Week, Round the Island Race) if possible	Deemed Marine Licence Marine Outline CEMP	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1)

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
				(document reference 6.5)	(c) [Construction Programme]
13.14	13.6.2.2.	Marking	The Proposed Development will be clearly marked on nautical charts in line with UKHO requirements, with associated note/warning	Deemed Marine Licence Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan] Draft DCO, Schedule 19, DML Part 2, Condition 2 (10) [Notification to UK Hydrographic Office]
13.15	13.6.2.2.	Marking	Details of the marine cable locations and associated cable protection will be included in fishermen's awareness charts issued by Kingfisher.	Deemed Marine Licence Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan] Draft DCO, Schedule 19, DML Part 2, Condition 2 (7) [Kingfisher Information Service]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
13.16	13.6.2.2.	Cable protection	The marine cables will be suitably protected, e.g. buried where feasible, to help protect against snagging from fishing gear and risk from vessel anchors. Cable burial and non-burial protection will be informed by a Cable Burial Risk Assessment (the current target burial depth is between 1 m and 3 m). Non-burial protection will be used where target burial depths are not achieved, if considered necessary.	Deemed Marine Licence Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (a) [Design Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
13.17	13.6.2.2.	Cable protection	Any non-burial protection measures used (e.g. rock placement) will not reduce the	Deemed Marine Licence	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			existing water depths by greater than 5%.	Marine Outline CEMP (document reference 6.5)	Environment Management Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan]
13.18	13.6.2.2.	Cable design	Compass deviation effects will be minimised through cable design and separation distance.	Deemed Marine Licence Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (e) [Cable Burial and Installation Plan] Draft DCO, Schedule 19, DML Part 2, Condition 10 (2) [Electromagnetic Deviation Survey]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
13.19	13.8.2.1.	Compass Deviation	Further consultation with the MCA if compass deviations are expected to exceed five degrees in the final cable design. The MCA also require a post-lay survey to prove any deviation.	Deemed Marine Licence Marine Outline CEMP (document reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan] Draft DCO, Schedule 19, DML Part 2, Condition 10 (2) [Electromagnetic Deviation Survey]
Chapter 14: Marine Archaeology					
14.1	14.8.1.1.	Avoidance	The primary mitigation for the protection of known archaeological assets is avoidance. This is achieved through the implementation and monitoring of AEZs, which are proposed for identified high value seabed features of anthropogenic origin (i.e. A1	Outline Written Scheme of Investigation (document reference 6.1.14; Appendix 14.3)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (2) [Scheme of Archaeological Investigation]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			classified geophysical anomalies).		
14.2	14.8.1.2.	Avoidance	The mitigation will establish appropriately sized AEZs around receptors which have been considered to be of high archaeological potential, in consultation with HE. These areas would be out of bounds to construction activities and to anchoring. Monitoring of any AEZs to ensure there is no disturbance to them will be part of this mitigation.	Outline Written Scheme of Investigation (document reference 6.1.14; Appendix 14.3)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (2) [Scheme of Archaeological Investigation]
14.3	14.8.1.3.	Avoidance	The four AEZs currently proposed are presented in Figures 14.2 to 14.5 and represent 100 m radius AEZs around the identified extent of the seabed feature. This buffer	Outline Written Scheme of Investigation (document reference	Draft DCO, Schedule 19, DML Part 2, Condition 4 (2) [Scheme of Archaeological Investigation]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			has been selected to account for the large dimensions (over 50 m in length) and magnetic readings of the identified assets.	6.1.14; Appendix 14.3)	
14.4	14.8.1.4.	Avoidance	In addition, for possible features of anthropogenic origin (A2), AEZs are not typically proposed, but avoidance through micro-siting of the cable route, where possible, is recommended in the first instance.	Outline Written Scheme of Investigation (document reference 6.1.14; Appendix 14.3)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (2) [Scheme of Archaeological Investigation]
14.5	14.8.1.5.	Reduction	Reduction of impact can be achieved by means of appropriate mitigation identified through potential opportunities for further investigation of	Outline Written Scheme of Investigation (document reference	Draft DCO, Schedule 19, DML Part 2, Condition 4 (2) [Scheme of Archaeological Investigation]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			assets (e.g. during UXO survey and clearance works).	6.1.14; Appendix 14.3)	
14.6	14.8.1.6.	Reduction	Further investigations mean that these anomalies can either have their archaeological value removed, if they prove to be of non-anthropogenic nature or modern, or their value as archaeological assets confirmed. If their value is confirmed, in which case mitigation in the form of either avoidance (which may be enacted by the implementation of an AEZ or through remedying or offsetting measures as identified through a WSI which includes industry-	Outline Written Scheme of Investigation (document reference 6.1.14; Appendix 14.3)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (2) [Scheme of Archaeological Investigation]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			standard mechanisms such as a PAD.		
14.7	14.8.1.7.	Offsetting and recovery	In cases where avoidance is either inappropriate or impossible, the damage to archaeological assets should be offset. In the case of seabed prehistoric features, this can be achieved by undertaking a palaeoenvironmental assessment of deposits with high geoarchaeological potential, principally peat deposits. Pollen and macrofossil assessment, supported by radiocarbon dating, will provide information on age and vegetation history of the terrestrial environment,	Outline Written Scheme of Investigation (document reference 6.1.14; Appendix 14.3)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (2) [Scheme of Archaeological Investigation]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			providing a landscape context to any prehistoric activity within the area. Recovery of artefacts and/or other archaeological receptors should be a final resort, when all other mitigation has failed. Any recovery should be completed under the supervision of an appropriately qualified and experienced marine archaeologist. Recovery methods will be identified through the WSI. Due to the vast differences in practice and implementation between these methods, each will be covered by a specific Method Statement agreed in consultation with the Archaeological Curator and approved by the MMO where		

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			the method statements are required by a deemed Marine Licence condition.		
Chapter 15: Landscape and Visual Amenity					
15.1	15.4.6.8.	Outline Landscape and Biodiversity Strategy	Implementation of the Outline Landscape and Biodiversity Strategy. Details of the final proposed landscaping and measures for the management of the landscape and ecological features for the relevant phases of the Proposed Development would be submitted for approval and complied with following approval in accordance with the requirements to be contained within the DCO.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
15.2	15.7.1.1. 15.7.1.2	Construction stage environmental impacts	Construction stage environmental impacts of the Converter Station Area, Onshore Cable Corridor and Landfall would be managed through standard control measures secured through a CEMP.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
15.3	15.7.1.7. – 15.7.1.20.	Converter Station and Optical Regeneration Station parameters	The Converter Station and Optical Regeneration Station will be built in accordance with the relevant Parameter Plan and Design Principles.	Parameter Plan Sheets 1 – 3 Design and Access Statement (Design Principles)	Draft DCO, Schedule 2, Requirement 5 [Converter station and optical regeneration station parameters] Draft DCO, Schedule 2, Requirement 6 [Detailed design approval]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
15.4	15.7.1.24. – 15.7.1.36.	New Planting	New mitigation planting would take place over the duration of the construction works which would run over an anticipated three-year period. Where practicable works would take place alongside the construction of the Converter Station and Access Road to increase the visual screening function as referred to in the landscape design principles.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping]
15.5	15.7.1.37.	Existing Hedgerows/Hedgerow Trees within the Order Limits	Measures seek to ensure that the existing hedgerows and associated hedgerow trees surrounding the Converter Station Area are maintained. This vegetation serves an important visual screening function and the landscape	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			framework within which the Converter Station sits. Measures include the following: - Restrictions on the removal of hedgerows and associated hedgerow trees and maintenance at existing heights; - Introduction of new hedgerow trees and hedgerow planting to gap up where possible; - Gapping up of existing hedgerows with new hedgerow planting; and - New hedgerow planting to replace hedgerows grubbed out.		

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
15.6	15.7.1.39.	Management and monitoring of the landscape mitigation planting	Works to ensure the effective management and monitoring of the landscape mitigation planting set out in the preceding paragraphs and implemented over the life span of the Converter Station are summarised in the Outline Landscape and Biodiversity Strategy.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping]
15.7	15.8.7.1. 15.8.8.1. 15.8.9.1. 15.8.10.1. 15.8.11.1. 15.8.12.1. 15.8.13.1. 15.8.14.1.	Section specific embedded mitigation	Specific embedded mitigation measures for Sections 2-10 (Onshore Cable Corridor and Landfall) are summarised throughout the chapter.	Outline Landscape and Biodiversity Strategy (document reference: 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
	15.8.15.1. 15.8.15.7.			Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
Chapter 16: Onshore Ecology					
16.1	16.6.1.1.	Embedded landscape and biodiversity mitigation	Embedded mitigation measures include the following: - Ancient woodland buffer – the Proposed Development has incorporated a 15 m buffer between works and Stoneacre Copse, Crabden's Copse and Crabden's Row to avoid direct effects on this feature. No ancient	Parameter Plan Sheets 1 – 3 Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 5 [Converter station and optical regeneration station parameters] Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			woodland is present within the Order Limits. - Landscaping at the Converter Station Area – Landscape around the Converter Station will incorporate ecologically important habitats to offset those lost due to construction work. Planting will include mixed woodland, scrub, hedgerow, scattered trees and marshy grassland associated with flood attenuation features. Sections of hedgerows removed to accommodate the installation of the Onshore Cable Route will be replanted. These		

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			planting measures are designed to enhance biodiversity within the Converter Station Area, and will replace grassland which has developed on arable land that is no longer farmed.		
16.2	16.6.1.2. 16.6.2.2.	Waterborne pollution prevention measures	Standard best practice methods that minimise the risk of pollution through accidental spillage of materials or surface runoff during construction works will be implemented. These measures are described in the "Pollution Prevention for Businesses" guidance published by the UK Government. When working near water, pollution	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			prevention methods will be incorporated into site-specific guidance notes provided to the site operatives as part of a method statement. All vehicles will carry spill kits and all staff be trained in how to use emergency response equipment. A contingency plan in the event of contamination of watercourses will be established and strictly adhered to in such an event. Site compounds and materials storage areas will not be located adjacent to watercourses. Potentially contaminating materials will be stored appropriately in accordance with current guidelines to minimise pollution		

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			risk, including bunding fuel and chemical storage areas and generators. Site procedures will be carefully managed to avoid discharges to watercourses, in particular those involving cement and concrete.		
16.3	16.6.1.2. 16.6.2.2.	Dust suppression measures	Water sprays will be used to manage dust and prevent it drifting from the construction site to surrounding areas where sensitive habitats are present.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
16.4	16.6.1.2. 16.6.2.1.	Timing of vegetation clearance	Trees, scrub, hedgerows and other nesting bird habitat will be cleared outside of the bird breeding season (March-August) to avoid killing or	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			injuring breeding birds or their young.		
16.5	16.6.1.2. 16.6.2.2.	Restriction of night working	Construction work will be restricted to daylight hours between dawn and dusk within areas without public street lighting (e.g. Denmead Meadows, Farlington Playing Fields and the Converter Station Area) during the bat active season (April to October) to avoid disturbance effects of noise and lighting on bats	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
16.6	16.6.1.2. 16.6.2.2.	Environmental Clerk of Works	Implementation of the measures identified above will be monitored by an Environmental Clerk of Works with the power to stop work	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			and change site practices as required.		
16.7	16.6.1.38.	Converter Station illumination	Converter Station will not be lit at night – Lighting will only be turned on at night during exceptional circumstances, such as urgent maintenance activities that are rare events, and there will be no permanent nocturnal lighting of the Converter Station. This will avoid indirect disturbance impacts associated with the Converter Station's operation on ecological features (e.g. bats).	Design and Access Statement (Design Principles)	Draft DCO, Schedule 2, Requirement 23 [Control of lighting during the operational period] Draft DCO, Schedule 2, Requirement 6 [Detailed design approval]
16.8	16.6.2.1.	Replanting of hedgerows	Following construction hedgerow planting will be undertaken to repair gaps where the corridor required	Outline Landscape and Biodiversity	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			their removal. Replanting will use native plant species, and will provide a diverse range of woody species to maintain the species-rich nature of hedgerows.	Strategy (document reference 6.10)	Requirement 9 [Biodiversity management plan]
16.9	16.6.2.15. 16.6.2.17. 16.6.2.26. 16.6.3.1.	Hedgerow re-planting	Hedgerow re-planting to reinstate hedgerows lost within the Order Limits.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]
16.10	16.8.1.1.	Effects of the construction stage on Chichester and Langstone Harbour SPA and it's wintering intertidal birds	Effects of the construction stage on Chichester and Langstone Harbour SPA and it's wintering intertidal bird community will be avoided by restricting works within the	Outline Landscape and Biodiversity Strategy (document	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			winter season, defined as October to March (the period when SPA birds such as brent goose arrive from their breeding grounds; Snow and Perrins, 1998). Details of the working restriction are provided in Appendix 16.14 (Winter Working Restriction for Features of Chichester & Langstone Harbours SPA)	reference 6.10)	
16.11	16.8.2.1.	Temporary loss of important grassland	Mitigation for temporary loss of important grassland will be to maintain soil horizons and preserve grassland turf. Mitigation will be put in place at Kings Pond Meadow SINC, Denmead Meadows, Milton Common SINC and semi-	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			improved grasslands in along the Onshore Cable Corridor.		
16.12	16.8.2.2.	Preservation of turves	Removal and preservation of turves so that they can be replaced when work is finished will retain the seed bank within them allowing regrowth. Maintaining soil conditions by maintaining soils structure (turf, topsoil, subsoil) will maintain soil conditions for re-growth of meadow vegetation.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]
16.13	16.8.2.3.	Soil Horizon Preservation	The following measures will be put in place: - Separate turves, top soil and sub soil. Each will be stored separately with no mixing during works;	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			- Replace soil structure following completion of work with turves on top; - Use low ground pressure machinery also to avoid compaction; - Works areas will be securely fenced, and procedures put in place to prevent damage to grassland habitats adjacent to them (e.g. by the use of Herras fencing); and - Works to be monitored by an Ecological Clerk of Works who will provide toolbox talks to contractors and staff working at the site.		

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
16.14	16.8.2.4.	Avoidance of the plant growing season and winter wet season	At Kings Pond Meadow SINC and Denmead Meadows where vegetation has a wet meadow character, work will avoid the plant growing season and winter wet season as both these are important for maintaining the conditions within the habitat. Work in this area will be undertaken in late summer/autumn (Q3 / Q4) to facilitate this.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]
16.15	16.8.3.1.	Prevent compaction of grassland soils	Use of bog matting, temporary membranes with Type 1 aggregate or similar ground protection solutions will be used to prevent compaction of grassland soils at Kings Pond Meadow SINC, Denmead Meadows, Milton Common	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			SINC and semi-improved grasslands along the Onshore Cable Corridor. This mitigation measure will promote regrowth of vegetation to its original state.		
16.16	16.8.4.1.	Preserve the local mixture of meadowland plants	Where particularly sensitive HPI-quality Lowland Meadow habitat is present at Denmead Meadows, regrowth will be promoted by collecting seed from plants already present and reseeding using this collected seed following work. This will preserve the local mixture of meadowland plants unique to Denmead Meadows.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]
16.17	16.8.4.2.	Specialist contractor	Using a specialist contractor, a seed harvester will be used to collect seed in the year prior to	Outline Landscape and	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			the onset of works. Seed will be dried and stored until work is complete.	Biodiversity Strategy (document reference 6.10)	Requirement 9 [Biodiversity management plan]
16.18	16.8.4.3.	Seed collection sweeps	Two seed collection sweeps will be undertaken, one in late June/Early July to catch early flowering plants and one in late August/early September for late flowering plants.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]
16.19	16.8.4.4.	Re-seeding	Re-seeding will take place using collected seed in spring following the completion of construction and decommissioning stage works.	Outline Landscape and Biodiversity Strategy (document	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
				reference 6.10)	
16.20	16.8.4.5.	Monitoring	Subject to landowner permissions, monitoring at years 1, 3 and 5 post-development will be undertaken to inform potential management interventions at the site. The monitoring will comprise botanical survey of the reseeded areas, and will allow interventions that may be necessary to maintain HPI-quality grassland remains in the long-term.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]
16.21	16.8.5.1.	Diversity of the semi-improved calcareous grassland	At the Converter Station Area the botanical diversity of the semi-improved calcareous grassland (shown in Indicative Landscape Mitigation Plans	Outline Landscape and Biodiversity Strategy	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			Figures 15.48 and 15.49) will be improved by application of green hay. Green hay contains seed from a diversity of wildflower species and will inoculate retained grassland with new flora. The green hay will be sourced from Denmead Meadows to ensure native plants of local provenance are used to colonise and increase the value of the grassland.	(document reference 6.10)	
16.22	16.8.5.2.	Green hay	Improvement using green hay will take place in late spring (June-July) in the year following completion of construction work.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
16.23	16.8.6.1. 16.8.6.2.	Closure of badger setts	Badger setts to be lost to the Converter Station Area footprint (Option B(i)) will be closed using badger gates outside of the badger breeding season (June-November inclusive). Setts will be closed using one-way gates so badgers can leave but cannot return to the sett. Following a 21-day period of monitoring to ensure badgers are not within them, the setts will be dug out.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]
16.24	16.8.7.1.	Avoid killing or injury to hedgehogs	To avoid killing or injury to hedgehogs that may be present hedgerows, scrub and other dense vegetation within Sections 1-3 where suitable habitat is present will be hand-searched for hedgehogs prior	Outline Landscape and Biodiversity Strategy (document	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			to its clearance. Piles of cut vegetation such as brash piles will also be searched as they can harbour sheltering hedgehogs.	reference 6.10)	
16.25	16.8.6.2. 16.8.6.3.	Avoid killing or injury to hedgehogs	Hedgehogs found will be moved to a suitable release site away from the development within scrub, hedgerow or other dense cover. In addition, any open excavations will be covered overnight to prevent the trapping of animals including hedgehogs.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]
16.26	16.8.8.1.	Avoid killing or injury to reptiles	To avoid killing or injury to reptiles that may be present, a Precautionary Method of Works (PMoW) will precede vegetation clearance and	Outline Landscape and Biodiversity Strategy	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			earthworks in habitats which could support these animals. The PMoW will detail how working methods during the construction stage of the Proposed Development can minimise the risk of killing or injury to reptiles.	(document reference 6.10)	
16.27	16.8.8.2.	Avoid killing or injury to reptiles	Such working methods likely to feature in a PMoW may include, but are not limited to, the following: - Two stage vegetation clearance of fields, whereby areas of suitable habitat for reptiles are cut down to a height of 300 mm, left for a period to enable reptiles to disperse, and then cut to	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			ground level under ecological supervision; - Removal of natural refugia by hand where safe to do so, or otherwise undertaken methodically using plant under ecological supervision; - Plant and machinery to be kept to defined access routes around the Survey Area which are unsuitable for reptiles, until suitable habitat in the works area has been removed; and - Open excavations will be fitted with mammal ladders (planks of wood at either end) to allow animals to climb out if they fall in, and		

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			prevent the trapping of animals including reptiles.		
16.28	16.8.6.1.	Potential impacts on bats	To avoid effects on bats trenching areas and compounds for HDD work will be set back from the edge of the playing field by at least 10 m to maintain habitats there and preserve bat flight lines.	Parameter Plan Sheets 1 – 3	Draft DCO, Schedule 2, Requirement 5 [Converter station and optical regeneration station parameters]
16.29	16.8.6.2.	Potential impacts on bats	Lighting of construction work will be designed with reference to recommendations issued by The Bat Conservation Trust (2014) and Institute of Lighting Engineers (2009), and be cowled/hooded to avoid extraneous light spill, and focussed onto works areas only to maintain dark corridors on the edge of the playing fields and avoid disturbance of commuting and foraging bats.	Outline Landscape and Biodiversity Strategy (document reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
Chapter 17: Soils and Agricultural Land Use					
17.1	17.6.2.2. 17.6.3.1 17.6.4.1 17.6.5.1	Loss of and degradation of the soil resource	Embedded mitigation to reduce the potentially significant effects relating to loss of and degradation of the soil resource includes ensuring that topsoil and subsoil resources are kept separate and placed either side of the exposed trenches. The cable ducts will be laid within approximately 400 mm of cement-bound sand and the remainder of the void will be backfilled with the excavated soil. Priority will be given to full use of the topsoil resource in the reinstatement of soils above the cable: the surplus material will be subsoil.	Outline Soil Resources Management Plan (Onshore Outline CEMP, document reference 6.9; Appendix 5)	Draft DCO, Schedule 2, Requirement 15 (2) (d) (i) [Soil Resources Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
17.2	17.6.2.3	Cut and fill balance	The current design seeks to balance cut and fill, and excess material will be available for use in reprofiling the landform, pond fill and screening. Outstanding surplus will be suitable for off-site general or landscaping fill.	Design and Access Statement (Design Principles)	Draft DCO, Schedule 2, Requirement 6 [Detailed design approval]
17.3	17.8.1.2.	Potentially significant effects relating to the loss and degradation of the soil resources	Additional mitigation to reduce the potentially significant effects relating to the loss and degradation of the soil resources relate to the development of a Soil Resources Management Plan, which will CEMP.	Outline Soil Resources Management Plan (Onshore Outline CEMP, document reference 6.9; Appendix 5)	Draft DCO, Schedule 2, Requirement 15 (2) (d) (i) [Soil Resources Management Plan]
17.4	17.8.1.3.	Soil Resources Management Plan	A Soil Resources Management Plan will be prepared prior to the commencement of	Outline Soil Resources Management	Draft DCO, Schedule 2, Requirement 15 (2) (d) (i)

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			construction and confirms the different soil types and depths (based on the soil surveys already undertaken); the most appropriate re-use for the different types of soils within the detailed design; and the proposed methods for handling, storing and replacing soils on site. An Outline SRP has already been prepared and is provided as Appendix 5 of the Onshore Outline CEMP.	Plan (Onshore Outline CEMP, document reference 6.9; Appendix 5)	[Soil Resources Management Plan]
17.5	17.8.1.4.	Retaining the quality of soils	The quality of soils retained on-site will be maintained by following good practice guidance on soil handling and storage, particularly to avoid compaction and biodegradation of soils that are	Outline Soil Resources Management Plan (Onshore Outline CEMP, document	Draft DCO, Schedule 2, Requirement 15 (2) (d) (i) [Soil Resources Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			to be retained on-site in storage. In this respect, topsoil must be stockpiled separately to subsoil.	reference 6.9; Appendix 5)	
17.6	17.8.1.6.	Agricultural land access	Mitigation to ensure that the temporary requirement for land for the Proposed Development will not affect the ability to farm other land within the holding that is not affected by construction works will form part of the CEMP, and will include the continuation of farm access to temporarily severed land, as required for normal agricultural activities, the replacement of temporarily severed water supplies, and the installation of temporary	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			stockproof fencing, as required.		
Chapter 18: Ground Conditions					
18.1	18.9.2.1.	EA pollution prevention guidance and best practice	The Proposed Development will adhere to EA pollution prevention guidance and best practice during the construction works which will be incorporated into and managed via the CEMP.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
18.2	18.9.2.1.	Health and Safety risk assessment and a Health and Safety Induction	All construction personnel would be required to wear appropriate PPE and to only undertake work following a Health and Safety risk assessment and a Health and Safety Induction. Hygiene and welfare facilities would need to be provided for use by	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			construction personnel during the works.		
18.3	18.9.2.1.	Watching brief	A watching brief would be implemented during excavation to ensure that any unexpected contamination within the Made Ground (if present) is rapidly identified, risk assessed and dealt with appropriately.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
18.4	18.9.2.1.	Regular monitoring visual inspections	Regular monitoring visual inspections during the Construction Stage.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
18.5	18.9.2.1.	Remediation	If remediation is deemed necessary, requirements will be assessed on a site-specific basis and the works carried	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			out, supervised, validated and verified in accordance with current best practice.		
18.6	18.9.2.1.	Good working practices and housekeeping	Good working practices and housekeeping during construction such as sealing or covering stockpiles of contaminated soils and treating water removed from excavations prior to discharge are considered likely to reduce identified impacts.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
18.7	18.9.2.1.	Potentially contaminated dust	Water/surfactant will be sprayed onto material being worked to damp down any potentially contaminated dust and prevent it from becoming airborne. Temporary surface water drainage and vehicle wheel washes will further	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			reduce the risk of dust generation. Precautions should also be taken while transporting excavated materials off-site to ensure that any risk of fugitive dust emissions are prevented. Construction phase air monitoring may be used to check the effectiveness of damping down of the dust on site. Vehicle movements will be restricted to an agreed travel plan and construction activities on site will not exceed standard working hours, unless explicitly required to do so.		
18.8	18.9.2.1.	Water removal	Water removed from any excavations will be disposed of	Onshore Outline CEMP	Draft DCO, Schedule 2, Requirement 15

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			or discharged in accordance with EA requirements.	(document reference 6.9)	[Construction Environment Management Plan]
18.9	18.9.2.1.	Materials Management Plan	The reuse of soil on Site should be governed by the production of a Materials Management Plan ('MMP') in which chemical criteria are specified for the import of soils/fill material from off-site and for the reuse of site won material (see Appendix 4 for an Outline MMP). The stripping, storage and reuse of subsoil should be carried out in accordance with BS 8061:2013.	Outline Materials Management Plan (Onshore Outline CEMP, document reference 6.9; Appendix 4)	Draft DCO, Schedule 2, Requirement 15 (2) (d) (i) [Materials Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
18.10	18.9.2.3.	Milton Common mitigation measures	A series of additional mitigation measures required for Milton Common during the Construction Stage.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
18.11	18.9.2.2.	CIRIA guidance	Construction activities should also be undertaken in accordance with appropriate CIRIA guidance. Specifically, this should include: - CIRIA C741. Environmental Good Practice on site (4th Edition): (CIRIA C741, 2015); and - CIRIA C532. Control of Water Pollution from Construction Sites (CIRIA C532, 2001).	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
18.12	18.9.3.1.	Appropriate concrete	Appropriate concrete in accordance with BRE Digest 1.3rd Edition (including February 2018 amendments), Concrete in aggressive ground (Building Research Establishment, 2017).	Outline Materials Management Plan (Onshore Outline CEMP, document reference 6.9; Appendix 4)	Draft DCO, Schedule 2, Requirement 15 (2) (d) (i) [Materials Management Plan]
18.13	18.9.3.2.	Operational stage mitigation measures	Any access chambers or jointing pits will need gas protection measures to prevent ingress of landfill gas	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
18.14	18.9.3.2.	Operational stage mitigation measures	A detailed management plan for future maintenance and entry to below ground access chambers will be required (e.g., personal gas alarms, emergency recovery hoists, etc.).	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
Chapter 19: Groundwater					
19.1	19.6.1.2.	Converter Station Construction Embedded Mitigation Measures	The construction design includes grouting of the surface karst at the Converter Station site prior to any earthwork movements, removing the primary pathway to underlying Chalk aquifer.	Aquifer Contamination Mitigation Strategy (ES Volume 3; Appendix 3.6)	Draft DCO, Schedule 2, Requirement 12 [Surface and foul water drainage]
19.2	19.6.1.3. – 19.6.1.8	Trenching Embedded Mitigation Measures	The trenching embedded mitigation measures summarised at paragraphs 19.6.1.3. – 19.6.1.8	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
19.3	19.6.1.9. - 19.6.1.14.	HDD Groundwater Level and Flow Embedded Mitigation Measures	The HDD Groundwater Level and Flow Embedded Mitigation Measures summarised at paragraphs 19.6.1.9. - 19.6.1.14.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
19.4	19.6.1.15. - 19.6.1.18.	HDD Groundwater Quality Mitigation Measures	The HDD Groundwater Quality Mitigation Measures summarised at paragraphs 19.6.1.15. - 19.6.1.18.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
19.5	19.7.1.1. – 19.8.1.7.	Standard mitigation measures and good environmental site practices	The standard mitigation measures and good environmental site practices	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			summarised at paragraphs 19.8.1.1. – 19.8.1.7.		
Chapter 20: Surface Water Resources and Flood Risk					
20.1	20.7.2.1. 20.7.4.24. 20.7.5.5.	Potential impact to the surface water environment	HDD/trenchless solutions are proposed at: - Kings Pond (HDD) HDD-5; - Farlington Railway Crossing (Trenchless) HDD-4; and - Langstone Harbour (HDD) HDD-3.	Draft DCO	Draft DCO, Schedule 2, Requirement 6 [Detailed design approval]
20.2	20.7.2.15. 20.7.3.16. 20.7.4.13. 20.7.5.19.	Operational stage surface water mitigation	The Aquifer Contamination Mitigation Strategy includes details of the proposed principles for managing surface water during operation at the Converter Station. As part of the strategy it is proposed to incorporate SuDS; potentially	Aquifer Contamination Mitigation Strategy (ES Volume 3; Appendix 3.6)	Draft DCO, Schedule 2, Requirement 12 [Surface and foul water drainage]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			including swales, filter drains, detention/infiltration ponds and soakaways to subsequently infiltrate surface water to the ground. These design principles have been agreed through consultation with PW and the EA and are subject to detailed design and subsequent approval.		
20.3	20.7.2.16. 20.7.3.18. 20.7.4.43.	Operational stage surface water mitigation	Outline principles proposed to manage surface water at the ORS building are detailed within the Flood Risk Assessment, which discusses the design principles to be further developed as part of the detailed design to ensure that any overland surface water run-off generated from the	Flood Risk Assessment (ES - Volume 3; Appendix 20.4)	Draft DCO, Schedule 2, Requirement 12 [Surface and foul water drainage]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			ORS buildings is appropriately managed within a surface water drainage system (either infiltration to ground or, if this is not feasible, connection to public sewer at an agreed discharge rate).		
20.4	20.7.3.1	Water supply and foul wastewater	Any temporary requirements for water supply and foul wastewater throughout the Order Limits will be provided through temporary site compounds and construction set up that would not utilise the existing local networks.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
20.5	20.7.3.3.	Water supply and foul wastewater	Any changes to the assumed water supply demand and construction demand shall be agreed with Portsmouth Water prior to connection, with the	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			contractor responsible to account for any head loss when sizing the supply.		
20.6	20.7.3.4.	Water supply and foul wastewater	Furthermore, and proposed temporary connection for either clean water supply, surface water and foul water discharge would be subject to approval from Portsmouth Water (clean water supply) and Southern Water (wastewater).	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
20.7	20.7.3.14.	Foul water at the Converter Station Area	The management of foul water at the Converter Station Area will be done through an on-site package treatment plant, for further details refer to Appendix 3.6 (Aquifer Contamination Mitigation Strategy), which will be routinely emptied and removed	Aquifer Contamination Mitigation Strategy (ES Volume 3; Appendix 3.6)	Draft DCO, Schedule 2, Requirement 12 [Surface and foul water drainage]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			off-site in accordance with appropriate operation and management requirements, and thus scoped out.		
20.8	20.7.4.40.	Operational stage surface water mitigation	The Proposed Development and any associated construction activities for open trenching for duct laying are proposed to be reinstated with native soil and or surfacing, typically with no infrastructure left above ground.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
20.9	20.7.5.20.	Flood risk design measures	Specific design measures (e.g. raised thresholds) have been embedded into the design of the ORS Building at Landfall to provide resistance and resilience to the risk of tidal flooding affecting the building,	Design and Access Statement - Design Principles (Document Reference 5.5)	Draft DCO, Schedule 2, Requirement 6 [Detailed design approval]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			users and associated equipment.		
20.10	20.7.5.22.	Flood risk design measures	The cable ducts are proposed to be buried in the ground and backfilled, with reinstatement of native soils and surfacing.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
20.11	20.9.2.1. - 20.9.2.8.	Principles of Proposed Onshore Outline CEMP Mitigation	The mitigation measures included in the Onshore Outline CEMP and summarised at paragraphs 20.9.2.1. - 20.9.2.8.	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
20.12	20.9.2.9.	Specific input to Health and Safety File on completion of the Project in Relation to	Similar to the mitigation against flood risk, staff should be trained to understand the risk of flooding, what do if faced by	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
		Human Receptors as a Consequence of Flood Risk	a flood event, and made aware of areas at risk of flooding through input into the Health and Safety File on completion of the Project which would be developed prior to operation.		
20.13	20.9.2.10.	Specific input to Health and Safety File on completion of the Project in Relation to Human Receptors as a Consequence of Flood Risk	Specific measures that should be included within the Specific measures that should be included to manage the risk to staff including: - Detail of all areas at risk of flooding and their form and associated danger; - If maintenance activities need to be undertaken in areas at risk of flooding staff should be signed up to flood warnings (rainfall, tidal, fluvial, reservoir) and	Onshore Outline CEMP (document reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			check the weather forecast to be able to plan ahead and avoid attending site if there is a risk of flooding; or - If flooding is identified when out on site: – the general principle would be to stay away from flood water, abandon any work that needs to be undertaken in flooded areas and report the incident or request appropriately trained operatives to work if a maintenance activity needs to be undertaken.		
Chapter 21: Heritage and Archaeology					
21.1	21.6.4.4.	Landscape planting on the northern boundary of the	Embedded mitigation measures have been incorporated into the Proposed	Outline Landscape and	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
		proposed Converter Station	Development in the form of landscape planting on the northern boundary of the proposed Converter Station. The mitigation design includes proposed native mixed woodland (up to 25m high) along the northern edge of the Order Limits along with a line of native hedgerow approximately 80m north of the Proposed Converter Station (to be cut into a natural slope).	Biodiversity Strategy (document reference 6.10)	Requirement 9 [Biodiversity management plan]
21.2	21.6.4.30	Fort Cumberland	The ORS will be based in the north-east corner of the car park, and will only be approximately 4.0 m high. The structures would also be fenced off and enclosed with native vegetation.	Parameter Plan Sheets 1 – 3	Draft DCO, Schedule 2, Requirement 5 [Converter station and optical regeneration station parameters]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
21.3	21.8.1.3	Trial trench evaluation	The presence, nature, date, extent and significance of any archaeological remains present would need to be clarified by trial trench evaluation as the potential for such remains, as assessed by the desk-based and Stage 1 Geophysical Survey, is uncertain.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
21.4	21.8.1.5	Impacts on potential archaeological assets in the Greenfield part of the Order Limits (1-3)	Mitigation could take the form of a targeted archaeological excavation (preservation by record) well in advance of the commencement of ground works and/or an archaeological watching brief (a programme of 'strip, map and sample') carried out alongside the preliminary topsoil removal.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
21.5	21.8.1.6	Discovery of archaeological remains in the Greenfield part of the Order Limits (1-3)	Although rare, in the unlikely event that archaeological remains of very high (national) significance are identified, there may be a requirement, where feasible, for their preservation *in situ,* i.e. through modifications of the design e.g. modifications in design of foundations and formation levels for the Converter Station, or avoidance in the adjustment of the position of the Converter Station and/or the line of the of the Onshore Cable Corridor.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
21.6	21.8.1.7.	Archaeological Advisor	Any archaeological work would need to be undertaken in consultation with the relevant Archaeological Advisor, in	Onshore Outline CEMP (Document	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			accordance with an approved archaeological WSI outlining the scope and method of investigation, along with the post-excavation reporting and dissemination strategy.	Reference 6.9)	
21.7	21.8.1.8	Brownfield area evaluation and mitigation	JBs, TJDs and HDD compounds in brownfield areas would entail more than the localised disturbance of the proposed cable trench, with the excavation of larger and deeper trenches. For such areas, archaeological trial trench evaluation may be appropriate.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
21.8	21.8.1.12	Brownfield area mitigation of the cable trench	In order to mitigate the localised impact of the cable trench on any potential archaeological remains, an	Draft DCO Requirements	Draft DCO, Schedule 2, Requirement 14 [Archaeology]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			archaeological watching brief would be required in areas with potential for significant surviving archaeological remains, and where the cable corridor would divert away from existing highways (i.e. on adjacent roadside verges/hardstanding).		
21.9	21.8.1.13	Timing of Brownfield mitigation	The archaeological watching brief would be carried out during the Construction Stage during the excavation of the cable trench, with work halted to allow sufficient time to excavate, sample and record any archaeological remains exposed.	Draft DCO Requirements	Draft DCO, Schedule 2, Requirement 14 [Archaeology]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
21.10	21.8.2.2	Proposed mitigation and enhancement (operational stage)	Embedded mitigation includes proposed native mixed woodland (up to 25m high) along the northern edge of the Order Limits along with a line of native hedgerow approximately 80m north of the proposed Converter Station. Mitigation planting, along with the proposed siting of the proposed Converter Station (to be cut into a natural slope) will reduce potential views of the Proposed Development and will affect offset the minor negative effect.	Outline Landscape and Biodiversity Strategy (Document Reference 6.10)	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping] and Requirement 9 [Biodiversity management plan]
Chapter 22: Traffic and Transport					
22.1	22.4.5.2 22.6.3.1.	Framework Traffic Management Strategy	Implementation of the Framework Traffic Management Strategy which	Framework Traffic Management	Draft DCO, Schedule 2, Requirement 19 [Traffic Management]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			provides details of traffic management measures to be deployed to facilitate construction of the Onshore Cable Route. The TMS includes details of temporary traffic signals, lane closure and road closure requirements and a programme that aims to minimise disruptions of the construction works through timing of works at key locations to avoid constraints such as school terms and major events.	Strategy (Document Reference 6.3.22.1A)	
22.2	22.4.5.2. 22.6.3.1.	Outline Construction Traffic Management Plan	Implementation of the Outline Construction Traffic Management Plan ('CTMP') which provides an overarching plan of how construction traffic and site operations will be	Outline Construction Traffic Management Plan (Document	Draft DCO, Schedule 2, Requirement 17 [Construction Traffic Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			managed across the Onshore Components of the Proposed Development. The CTMP sets out the parameters within which contractors will be required to work, including hours of operation, traffic routing, safe vehicular access and requirements to minimise traffic impacts.	Reference 6.3.22.2)	
22.3	22.4.6.9.	Defined route	The HGV and employee car trips have been applied to the following construction traffic route, which is prescribed within the CTMP as the only permitted route to and from the Converter Station and shown on Figure 22.3: - A3(M) Junction 2 – B2149 Dell Piece West – A3	Outline Construction Traffic Management Plan (Document Reference 6.3.22.2)	Draft DCO, Schedule 2, Requirement 17 [Construction Traffic Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			Portsmouth Road – Lovedean Lane – Day Lane – Broadway Lane.		
22.4	22.4.7.6.	Working hours	A ten-hour working day will apply between the hours of 07:00 and 17:00. HDD locations will be subject to typical working hours between 07:00 and 19:00, except HDD-3 and HDD-4 where works may be undertaken for 24 hours.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan] Draft DCO, Schedule 2, Requirement 18 [Construction hours]
22.5	22.6.5.19. - 22.6.5.21.	Mitigation required to facilitate delivery of the transformers	The Route Access Survey included within the CTMP noted the following overall requirements to facilitate delivery of the transformers: - A police escort and pilot car will be required to assist with traffic control for the entire delivery route;	Outline Construction Traffic Management Plan (Document Reference 6.3.22.2)	Draft DCO, Schedule 2, Requirement 17 [Construction Traffic Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			- Tree pruning will be required at numerous locations to ensure that a clear envelope is present for the vehicle to pass; - Along the delivery route, street furniture and signage will be to be temporarily removed to allow a suitable minimum envelope. Additional specific temporary highway amendments as being required to facilitate delivery of the transformers as set out at paragraphs 22.6.5.20./21.		
22.6	22.8.2.1. – 22.8.2.4.	Traffic management programme	The Cable Route within the Onshore Cable Corridor will be scheduled to avoid unnecessarily exacerbating any adverse effects. Public	Framework Traffic Management Strategy (Document	Draft DCO, Schedule 2, Requirement 19 [Traffic Management]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			activities and events that are planned in proximity to the Converter Station Area and Onshore Cable Corridor, including but not limited to the following have been taken into consideration within the FTMS programme: - School term time; - Football season; - Coastal Waterside Marathon; - Great South Run; - South Central Festival; and - Victorious Festival. Further to this indicative programme, consideration has been given with the FTMS to the construction programme for	Reference 6.3.22.1A)	

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			each individual section of the Onshore Cable.		
22.7	22.8.3.1. - 22.8.3.2.	Construction Worker Travel Plan	A Construction Worker Travel Plan ('CWTP') will be implemented for workers at the Converter Station during the construction stage. The CWTP is intended to promote sustainable travel amongst construction workers, and will use a package of measures such as Travel Information Notice Boards, promotional events and shuttle buses to and from key transport hubs to discourage the use of single occupancy cars for workers traveling to and from the Converter Station construction site.	Draft DCO	Draft DCO, Schedule 2, Requirement 21 [Travel plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			The implementation of the CWTP will aim to reduce the number of construction workers travelling to and from the site by car to levels below that assessed within the Chapter.		
Chapter 23: Air Quality					
23.1	23.6.2.4. 23.6.3.4. 23.6.6.2.	Embedded dust and air quality mitigation	Mitigation identified by the dust risk assessment is embedded in the design in that impact significance is determined after the implementation of measures which will be applied through the Onshore Outline CEMP (document reference 6.9) and Framework CTMP which are the results of this dust risk assessment. This includes the operation of plant	Construction Traffic Management Plan Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 17 [Construction Traffic Management Plan] Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			such as diesel generators and construction vehicles to a minimum of EU Stage III emissions standards for non-road diesel engines.		
23.2	23.6.4.2.	Embedded air quality mitigation	Implementation of the Framework Traffic Management Strategy (document reference 6.3.22.1A), including the following: - Temporary traffic signals to be used where lane closures or partial carriageway closure is required. During peak times the signals will be manually adjusted to ensure delays are kept to a minimum;	Framework Traffic Management Strategy (Document Reference 6.3.22.1A)	Draft DCO, Schedule 2, Requirement 19 [Traffic Management]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			- Temporary road closures may be required where the highway is of insufficient width to accommodate works and have traffic continue to flow at a safe distance. Where this is required, diversion routes will be agreed with the local highways authority; and - The undertaker will seek to programme the installation of the Onshore Cables within the highway at appropriate times to mitigate disruptive impacts, taking into account the locality of schools in relation to the works and major scheduled events.		

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
24.3	24.8.1.1.	The specific dust risk mitigation	The specific dust risk mitigation for construction activities in each Route Section as set out in Appendix 23.2 (IAQM Construction Assessment).	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
Chapter 24: Noise and Vibration					
24.1	Table 24.1 24.4.2.21.	Onshore Cable Corridor construction noise	Evening, weekend or night-time working is not anticipated at joint bays. Night time working is only anticipated at two of the HDD sites.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan] Draft DCO, Schedule 2, Requirement 18 [Construction hours]
24.2	24.4.2.4.		The proposed working hours for the construction activities that will be audible at the site boundary are as follows:	Onshore Outline CEMP (Document	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			- Monday to Friday: 08:00 – 18:00 hours - Saturday: 08:00 – 13:00 hours.	Reference 6.9)	Draft DCO, Schedule 2, Requirement 18 [Construction hours]
24.3	24.4.2.16. 24.4.2.20. 24.6.1.3.		Working hours for the majority of the trenching and joint bay activities will be weekdays from 07:00 hours to 17:00 hours.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan] Draft DCO, Schedule 2, Requirement 18 [Construction hours]
24.4	24.4.2.17. 24.6.1.4.		The out of hours working locations are as follows: - Section 4 – a c.90m section of the A3 London Road in Purbrook near Stakes Road;	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan] Draft DCO, Schedule 2, Requirement 18 [Construction hours]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			- Section 5 – Havant Road between Farlington Avenue and Eastern Road; - Section 6 – Fitzherbert Road and Sainsbury's Car Park; - Section 8 – Eastern Road between Airport Service Road and north of Milton Common (c. 350m south of Tangier Road).		
24.5	24.6.1.2.	Best Practicable Means	Best Practicable Means ('BPM'), as defined in the Control of Pollution Action 1974 will be followed. This will comprise employing reasonably practicable noise and vibration mitigations measures, with simultaneous regard to local conditions and	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			circumstances (e.g. proximity of sensitive receptors) and current technical knowledge (e.g. utilising quietest equipment available) and to financial implications.		
24.6	24.4.4.7.	Defined route	All vehicles have been assumed to utilise a defined route between the A3(M) and the Converter Station construction site	Construction Traffic Management Plan	Draft DCO, Schedule 2, Requirement 17 [Construction Traffic Management Plan]
24.7	24.6.1.6.	Embedded mitigation for out-of-hours trenching works	The incorporation of screening expected to achieve a total of 5 dB attenuation. The exact form that this screening would take is unknown at this stage. It could comprise solid (e.g. timber) 2 m high site hoarding around the construction works. Alternatively, if this is not	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			possible due to time or space constraints, Heras fencing around the compounds will be fitted with acoustic quilts, and combined with further localised screening around the noisy equipment items. Acoustic quilts must be fitted to fencing with no gaps underneath or between the panels. Screening is considered an important mitigation measure at these locations because of the night-time period being when receptors are considered more sensitive to noise and stricter criteria are applied.		
24.8	24.6.1.8.	Embedded noise mitigation related to the Joint Bays	Embedded mitigation in the form of screening would be required at all Joint Bay	Onshore Outline CEMP (Document	Draft DCO, Schedule 2, Requirement 15

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			locations if construction works would be expected to have any more than a negligible impact at surrounding receptors.	Reference 6.9)	[Construction Environment Management Plan]
24.9	24.6.1.11.	Converter station layout	The layout and orientation of the Converter Station.	Parameter Plan Sheets 1 – 3	Draft DCO, Schedule 2, Requirement 5 [Converter station and optical regeneration station parameters]
24.10	24.6.1.13.	Converter Station embedded mitigation	The following embedded mitigation measures have been included at the Converter Station: - Acoustic enclosures around the converter transformers and aux transformers, providing 33 dBA	Design and Access Statement - Design Principles (Document Reference 5.5)	Draft DCO, Schedule 2, Requirement 6 [Detailed design approval]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			attenuation to each transformer; - Reducing the operating fan speed of the valve converter cooling fan banks to attenuate noise levels by 3 dBA for each fan bank. - Silencers added to the converter transformer fans providing 16 dBA attenuation to each fan. - Acoustic enclosures with top hats around the AC filter reactors providing 10 dBA attenuation to each reactor. - Acoustic enclosures around the AC filter capacitors providing 7 dBA attenuation to each capacitor.		

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			- The building envelope provides a minimum sound insulation performance of 32 dB Rw.		
24.11	24.6.1.6. 24.6.6.13 24.6.7.10. 24.6.9.19.	Breaking and cutting of the road surface	Breaking and cutting of the road surface, and re-surfacing of the road would not take place during night-time working hours.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
24.12	24.6.10.13	HDD-2 timber screening	The temporary installation of a 3.5m high timber screening around the HDD-2 site compound.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
24.13	24.8.1.1. - 24.8.1.4.	Converter Station operational stage	Mitigation measures outlined which demonstrates that the Converter Station can be	Parameter Plan Sheets 1 – 3	Draft DCO, Schedule 2, Requirement 5 [Converter station and optical

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
		noise mitigation measures	designed such that operational effects are negligible at surrounding sensitive receptors.	Design and Access Statement (Design Principles)	regeneration station parameters] Draft DCO, Schedule 2, Requirement 6 [Detailed design approval] Draft DCO, Schedule 2, Requirement 20 [Control of noise during the operational period]
24.14	24.8.1.5. - 24.8.1.6.	Construction stage noise mitigation measures	Additional mitigation outlined to reduce the significant noise effects as far as reasonably practicable.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
				Design and Access Statement (Design Principles)	Draft DCO, Schedule 2, Requirement 6 [Detailed design approval] Draft DCO, Schedule 2, Requirement 20 [Control of noise during the operational period]
Chapter 25: Socio-economics					
25.1	25.4.6.3	Traffic management measures	Where the Onshore Cable Route is in or immediately adjacent to roads, traffic management measures will be used. To minimise disruption to traffic and associated effects, a single lane closure will be used where practicable.	Framework Traffic Management Strategy	Draft DCO, Schedule 2, Requirement 19 [Traffic Management]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
25.2	25.4.6.4	Diversions for road closures	Diversions would be in place for all road closures and pedestrian access will retained at all times.	Framework Traffic Management Strategy	Draft DCO, Schedule 2, Requirement 19 [Traffic Management]
25.3	25.4.6.6.	Pedestrian access	Pedestrian access will be maintained to all residential properties, businesses and community facilities. Where access is required via roads within the Order Limits, access will be maintained wherever possible, albeit with different traffic management approaches applied depending on the circumstances.	Framework Traffic Management Strategy	Draft DCO, Schedule 2, Requirement 19 [Traffic Management]
25.4	25.4.6.7 25.7.2.34.	Alternative off-road cycle routes route	Where PRoW or off-road cycle routes need to be closed, an alternative route will be provided, and signage will be	Framework Traffic Management Strategy	Draft DCO, Schedule 2, Requirement 19 [Traffic Management]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			provided in advance of the temporary closure.		
25.5	25.4.6.9.	Working hours	Working hours for the installation of the Onshore Cable installation are Monday to Friday, 07.00-17.00 and Saturday typically 08:00 to 13:00; and for the construction of the Converter Station are 08.00 -18.00 Monday to Friday and Saturday morning typically between 08.00-13.00. There will be some working outside these hours, for example to undertake trenchless techniques on the Onshore Cable Route (12 to 24-hour shifts), reduce duration of works in some locations; accommodate delivery of	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan] Draft DCO, Schedule 2, Requirement 18 [Construction hours]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			abnormal loads and minimise traffic impacts or overnight to limit daytime disruption. Working hours for the Marine Cable installation will be 24 hours.		
25.6	25.7.2.1.	Horizontal Directional Drilling	Horizontal Directional Drilling ('HDD') will be used at Landfall, Milton and Eastney Allotments/Milton Locks Nature Reserve. This avoids direct impacts on Eastney Beach, the Allotments and Milton Locks Nature Reserve.	Draft DCO	Draft DCO, Schedule 2, Requirement 6 [Detailed design approval]
25.7	25.7.2.2.	Off-road PRoW or Cycle route	Where the Order Limits are crossed by off-road PRoW or Cycle route, there is the potential for the route to be closed temporarily during construction for safety	Framework Traffic Management Strategy	Draft DCO, Schedule 2, Requirement 19 [Traffic Management]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			purposes. To mitigate this disruption, an alternative route will be provided along with signage in advance of the temporary closure.		
25.8	25.7.2.3. 25.7.2.29.	Traffic Management Strategy	The Traffic Management Strategy (document reference 6.3.22.1) also sets out principles for mitigation including: - Traffic Management to keep one lane open including temporary traffic signals on single carriageways and lane closures on wider roads including dual carriageways; - Access to residences, businesses and community	Framework Traffic Management Strategy	Draft DCO, Schedule 2, Requirement 19 [Traffic Management]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			facilities - including access to driveways outside working hours and three-way signals for business premises with their own access onto affected highways; and maintenance of side road access; - A communication strategy to allow stakeholders such as residents, businesses and community facilities to keep up to date with construction works; - Access principles for pedestrians and cyclists; public transport; school access; and emergency services; and		

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			- Programme constraints, taking into consideration major events. - Programme constraints.		
25.9	25.7.2.4.	Construction Traffic Management Plan	A Construction Traffic Management Plan has been produced to reduce effects from construction traffic. This covers: - Construction traffic routing and embargoed routes; - Types of construction vehicles to be used for different purposes; - Avoidance of peak commuting hours; - Site access and designated parking; and	Construction Traffic Management Plan	Draft DCO, Schedule 2, Requirement 17 [Construction Traffic Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			- Management of loading, waste management and abnormal loads.		
25.10	25.7.3.1.	Landscape mitigation principles	A set of landscape mitigation principles were agreed with the LPAs and SDNPA. These principles have been used to inform indicative landscape mitigation plans, and are also included in the Design Principles detailed in the Design and Access Statement (document reference 5.5).	Design and Access Statement - Design Principles (Document Reference 5.5)	Draft DCO, Schedule 2, Requirement 6 [Detailed design approval]
25.11	25.9.2.1.	Local employment generation	Measures would be put in place, where possible, to maximise the potential for the workforce and supply chain to be sourced locally. These measures could include:	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			- Working with local people and local business to ensure that, wherever possible, investment in the South East, stays in the South East. - Engaging with Jobcentre Plus to ensure local job opportunities are advertised to local unemployed people and identifying opportunities to help people get back into employment through work placements, education and skills training. - Upskill people working on the Proposed Development, where possible through		

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			experience, training and development programmes.		
25.12	25.9.3.3	Disruption to businesses and residences	These measures outlined in the Onshore Outline CEMP as part of embedded mitigation relating to communication state: - Businesses, residents and community facilities who are likely to be impacted during construction will be consulted about access requirements. - Where construction activities impact on the ability for customers to determine whether or not a business is still open, signage will be erected such as 'Business as Usual	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			signs' to publicise that the business is still open.		
25.13	25.9.3.3.	Vehicular access to residential or commercial properties	There will be occasions where vehicular access to residential or commercial properties would be needed at different times and in this situation, road plates will be used to bridge the longitudinal excavations to open the carriageway to provide access with full vehicular access being reinstated overnight.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
25.14	25.9.4.1.	Disruption to community facilities	Community Facilities would be consulted prior to construction where access arrangements would be directly affected. Traffic management systems and diversion routes would be put in place to maintain	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			accessed to identified community facilities.		
25.15	25.9.4.2.	Vehicular access to community facilities	Vehicular access will be maintained at all times to community facilities which perform emergency service activities. Specific measures are outlined in the Traffic Management Strategy and include road plates.	Framework Traffic Management Strategy	Draft DCO, Schedule 2, Requirement 19 [Traffic Management]
25.16	25.9.4.3	Solent Infant School on Evelegh Road and Mooring Way Infant School	Works adjacent to Solent Infant School on Evelegh Road and Mooring Way Infant School, Moorings Way will be programmed within school holidays, even though overlaps with immediate periods on the either side of such holidays are possible. The construction programme should be	Framework Traffic Management Strategy	Draft DCO, Schedule 2, Requirement 19 [Traffic Management]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			reviewed by the Contractor to see whether it is possible to work within school holidays for other schools near the Order Limits.		
25.17	25.9.5.1.	Effects on users of recreational and open space, leisure facilities and pedestrian routes	The following mitigation measures would be incorporated into the CEMP: - The community groups who utilise the areas of recreational and open space which will be impacted by the construction of the Proposed Development would be informed of the nature, timing and duration of particular articular activities during the construction stage;	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			- If alternative routes or spaces are required to be utilised in and around areas of open and recreational space, directions would be clearly communicated at the appropriate placed.		
25.18	25.9.5.5. 25.9.7.1.	Fort Cumberland Road Car Park	The Fort Cumberland Road Car Park is currently unsurfaced. As part of reinstatement works following construction, the Applicant will leave the car park in better condition in discussion with PCC.	S106 Heads of Terms	Section 106 Legal Agreement, Heads of Terms
25.19	25.9.5.6.	Open space restoration	Areas of open space will be restored to the same condition as they were in prior to construction.	Outline Landscape and Biodiversity Strategy	Draft DCO, Schedule 2, Requirement 7 [Provision of landscaping]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
				(Document Ref: 6.10)	
25.20	25.9.6.1.	Disruption to tourism	Prior to construction, the Contractor will review the events programme to determine where it may be possible for construction on key transport routes and relevant areas of open space to avoid one-off events. Where this is not possible, the Contractor will liaise with event organisers to implement additional traffic management or other measures to minimise disruption and congestion, such as screening of compounds and provision of security.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
Chapter 26: Human Health					

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
Section 26.6 of the Human Health Chapter provides a summary the embedded mitigation identified within other relevant chapters of the ES, including Chapter 15 (Landscape and Visual Amenity), Chapter 18 (Ground Conditions), Chapter 20 (Surface Water Resource and Flood Risk); Chapter 22 (Traffic and Transport), Chapter 23 (Air Quality), Chapter 24 (Noise and Vibration) and Chapter 25 (Socio-economics). This chapter does not include any specific or new mitigation measures.					
Chapter 27: Waste and Material Resources					
27.1	27.4.5.14	Consumption of natural and non-renewable resources and Generation and disposal of waste	Good and best practice will be used to maximise use of recycled materials and maximise waste recovery and diversion from landfill, as set out in the Onshore Outline CEMP (Document Reference 6.9) and Marine Outline CEMP (Document Reference 6.5).	Onshore Outline CEMP (Document Reference 6.9) Marine Outline CEMP (Document Reference 6.5).	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan] Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
					Environment Management Plan]
27.2	27.8.1.4 Table 27.22	Consumption of natural and non-renewable	The appointed contractor will record decisions (made by consensus and taking into account the associated economic and environmental factors) which have been made to ascertain whether or not the source of rock required for the Marine Cable Corridor can originate from the UK.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
27.3	27.8.1.5	Consumption of natural and non-renewable resources and Generation and disposal of waste	Maximise use of recycled materials where practicable and as identified within the Outline CEMP.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
27.4	27.8.1.5	Consumption of natural and non-	Manage waste in accordance with the waste hierarchy to	Onshore Outline CEMP	Draft DCO, Schedule 2, Requirement 15

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
		renewable resources and Generation and disposal of waste	minimise waste generation and disposal to landfill as identified within the Outline CEMP	(Document Reference 6.9)	[Construction Environment Management Plan]
27.5	27.8.1.5	Consumption of natural and non-renewable resources and Generation and disposal of waste	Completion of ground and local environment inspections and surveys to determine the nature of the ground, to identify its potential to be diverted from landfill	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
27.6	27.8.1.5	Consumption of natural and non-renewable resources and Generation and disposal of waste	Monitoring measures to be adopted across the Proposed Development would include, as a minimum, the implementation of a CEMP, incorporating a Materials Management Plan ('MMP') and Site Waste Management Plan ('SWMP') by the contractor, once appointed. Associated data, information and reports will be used to	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			evidence monitoring undertaken		
27.7	27.8.1.5	Consumption of natural and non-renewable resources and Generation and disposal of waste	Spoil and waste segregation and containment on temporary laydown areas within the Converter Station	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
27.8	27.8.1.5	Consumption of natural and non-renewable resources and Generation and disposal of waste	Sufficient storage space will be allocated by the construction contractor to allow waste to be properly segregated	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
27.9	27.8.1.5	Consumption of natural and non-renewable resources	The design and construction aspects will follow British Standard 8895 (Designing for	Onshore Outline CEMP (Document	Draft DCO, Schedule 2, Requirement 15

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
		and Generation and disposal of waste	material efficiency in building projects) and other published guidance such as BRE materials resource efficiency in construction	Reference 6.9)	[Construction Environment Management Plan]
27.10	27.8.1.5	Consumption of natural and non-renewable resources and Generation and disposal of waste	Off-site fabrication will be utilised where practicable	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
27.11	27.8.1.5	Consumption of natural and non-renewable resources and Generation and disposal of waste	The construction contractor will be encouraged, where possible, to order material with less or returnable packaging	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
27.12	27.8.1.6	Consumption of natural and non-renewable resources	Identification and specification of material resources that can be acquired responsibly, in accordance with BES 6001	Onshore Outline CEMP (Document	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
		and Generation and disposal of waste	Responsible Sourcing of Construction Products.	Reference 6.9)	
27.13	27.8.1.6	Consumption of natural and non-renewable resources and Generation and disposal of waste	Design for resource optimisation: simplifying layout and form, using standard sizes, balancing cut and fill, maximising the use of renewable materials, and materials with recycled or secondary content, and setting net importation as a scheme goal.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
27.14	27.8.1.6	Consumption of natural and non-renewable resources and Generation and disposal of waste	Design for off-site construction: Maximising the use of pre-fabricated structures and components, encouraging a process of assembly rather than construction	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
27.15	27.8.1.6	Consumption of natural and non-renewable resources and Generation and disposal of waste	Design for the future: Considering how materials can be designed to be more easily adapted over an asset lifetime, and how deconstructability and demountability of elements can be maximised at end-of-first-life.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
27.16	27.8.1.6	Consumption of natural and non-renewable resources and Generation and disposal of waste	Identify opportunities to minimise the export and import of material resources.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
27.17	27.8.1.6	Consumption of natural and non-renewable resources and Generation and disposal of waste	Design for recovery and reuse: identifying, securing and using material resources at their highest value, whether they already exist on site, or are sourced from other schemes	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
27.18	27.8.1.6	Consumption of natural and non-renewable resources and Generation and disposal of waste	Ensure arisings are properly characterised before or during design, to maximise the potential for highest value reuse.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
27.19	27.8.1.6	Consumption of natural and non-renewable resources and Generation and disposal of waste	Working to a proximity principle, ensuring arisings generated are handled, stored, managed and re-used or recycled as close as practicable to the point of origin.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
Chapter 28: Carbon and Climate Change					
28.1	28.8.1.1.	Converter Station design	The Converter Station design will adopt sustainable approach to design which will involve the following measures: - Reducing where possible material use in construction	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			and minimising the use of high carbon materials. - Buildings should be energy and resource efficient		
28.2	28.8.1.2.	Converter Station construction	- Minimise energy consumption including fuel usage by, for example, reducing the requirement for earth movements to/from and within the construction site; and - Maximise the local sourcing of materials and local waste management facilities.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
28.3	28.8.1.3.	Source of rock required for the Marine Cable Corridor	To help identify a sustainable source for this material, the appointed contractor will record decisions (made by consensus, and taking into account the associated	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			economic and environmental factors, including carbon) which have been made to ascertain whether or not the source of rock required for the Marine Cable Corridor can originate from the UK, to minimise the impacts of using material imported from an international source.		
28.4	28.8.1.4.	Design, operation, and construction mitigation and enhancement measures	The series of recommended design, operation, and construction mitigation and enhancement measures set out at paragraph 28.9.1.3. of the ES.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
28.5	Table 28.15	Embedded mitigation within the Construction Stage	The mitigation measures listed at Table 28.15 which are embedded within the Construction Stage	Onshore Outline CEMP (Document	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
				Reference 6.9)	Draft DCO, Schedule 2, Requirement 3 [Phases of authorised development onshore]
28.6	Table 28.17	within the of the Converter Station design Embedded mitigation	The mitigation measures listed at Table 28.15 which are embedded within the design of the Converter Station.	Parameter Plan Sheets 1 – 3 Design and Access Statement (Design Principles)	Draft DCO, Schedule 2, Requirement 5 [Converter station and optical regeneration station parameters] Draft DCO, Schedule 2, Requirement 6 [Detailed design approval]
28.7	Table 28.19	Embedded mitigation within the design of the Onshore Cable Corridor	The mitigation measures listed at Table 28.19 which are embedded within the design of the Onshore Cable Corridor.	Onshore Outline CEMP (Document	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
				Reference 6.9) Parameter Plan Sheets 1 – 3	Draft DCO, Schedule 2, Requirement 5 [Converter station and optical regeneration station parameters]
28.8	Table 28.21	Embedded mitigation within the design of the Marine Cable Corridor	The mitigation measures listed at Table 28.19 which are embedded within the Offshore Cable Corridor.	Marine Outline CEMP (Document Reference 6.5)	Draft DCO, Schedule 19, DML Part 2, Condition 4 (1) (d) [Construction Environment Management Plan]
28.9	28.14.1.2	Environment Agency's Floodline Warning Direct service and the Met Office weather warnings	The contractor(s) would use weather forecasting services to manage risks associated with extreme weather events. The contractor would also register with the Environment Agency's Floodline Warning Direct	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
			service and the Met Office weather warnings. The contractor would consider the potential risks associated with extreme weather to inform programme management and impact mitigation measures.		
28.10	28.14.1.3.	Maximise resilience to extreme weather events	The CEMP would include measures to maximise the resilience of the Proposed Development to extreme weather events during construction, including personnel training.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]
28.11	Table 28.23	Mitigation to be included within the Construction Stage	The materials, plant and equipment, workforce, site compound and traffic mitigation measures listed at Table 28.21 which are to be included within the Construction Stage.	Onshore Outline CEMP (Document Reference 6.9)	Draft DCO, Schedule 2, Requirement 15 [Construction Environment Management Plan]

MS Ref	ES Source (Para)	Subject/ Potential Impact	Mitigation Measure (as set out in the ES)	Control Document/ Licence	Securing Mechanism
Chapter 29: Cumulative and Transboundary Effects					
This chapter does not include any specific mitigation measures.					