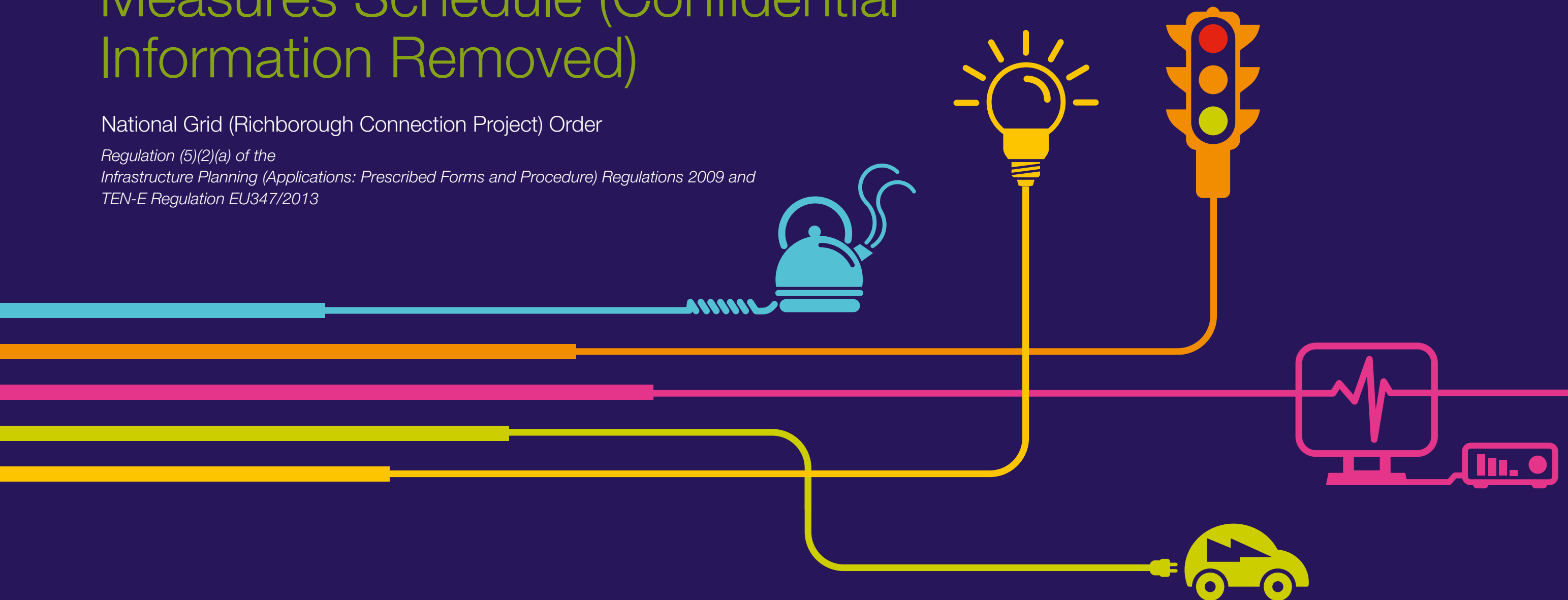


3B Embedded Environmental Measures Schedule (Confidential Information Removed)

National Grid (Richborough Connection Project) Order

*Regulation (5)(2)(a) of the
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 and
TEN-E Regulation EU347/2013*



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Richborough Connection Project

Volume 5

5.4 Environmental Statement Appendices

5.4.3B Embedded Environmental Measures Schedule (Confidential Information Removed)

National Grid
National Grid House
Warwick Technology Park
Gallows Hill
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Final

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Note

The environmental measures outlined in the tables within this Appendix are provided as a summary of all environmental measures proposed. For further details the relevant management plan (see “Delivery Mechanism” column) should be consulted. The measures will be implemented as described below unless otherwise outlined in a management plan or agreed by the relevant Local Planning Authority and/or statutory consultee under the associated DCO Requirement.

**Richborough Connection Project Embedded Environmental measures
Proposed 400kV overhead line construction**

The environmental measures outlined in the table below are provided as a summary of all environmental measures proposed. For further details the relevant management plan (see "Delivery Mechanism" column) should be consulted. The measures will be implemented as described below unless otherwise outlined in a management plan or agreed by the relevant Local Planning Authority and/or statutory consultee under the associated DCO Requirement.

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Route Section										
Canterbury: Downleads/ Conductors joining gantry	PCG	N Grid land at Canterbury substation	Kill, disturb, injure, great crested newt.	Great crested newt mitigation including fencing and translocation under Natural England EPS licence.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies)	Temporary fence works area and trap out GCN under EPS licence for c.60 days within the period (Feb to October). Enhance surrounding habitat with refuges, and log piles.	Timings February to October inclusive, unless otherwise agreed with Natural England .	European Protected Species Licence (Legal requirement)	N/A
Canterbury: Downleads/ Conductors joining gantry	PCG	N Grid land at Canterbury substation	Kill, disturb, injure, dormouse	Timed vegetation removal and planting under Natural England EPS licence.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	A minimum 3m wide vegetated boundary will be maintained around the gantry works area, and supplemented with dead hedging and native tree planting to allow for connectivity between eastern and western sides of the woodland. Timed vegetation removal required of works area first over winter (November-February) then root removal in May to avoid injuring dormouse. Log piles and dormouse boxes to be installed in adjacent habitat.	Timings shown in summary, unless otherwise agreed with Natural England	European Protected Species Licence (Legal requirement)	N/A
Canterbury: Downleads/ Conductors joining gantry	PCG	N Grid land at Canterbury substation	G34 Trees to be removed Scaffolding across Great Stour, working areas. Construction and maintenance access, scaffold access.	Additional hedge gap planting (gapping up) and hedge laying. Replacement native tree planting. Management of existing trees to be retained.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Retain 5m width of Weeping Willows along river which can be pollarded, with dead wood laid to continue connectivity of vegetation along the river. Where trees removed, replacement provided in situ new planting to cover same area as loss.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Canterbury: Downleads/ Conductors joining gantry	PCG	Part of the working area & access roads	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain.	Construction	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC1	PC1	Removal of G35, G36 Scaffolding across Great Stour, working areas. Construction Bellmouth/ Scaffold access.	Additional hedge gap planting (gapping up) and hedge laying. Replacement native tree planting. Management of existing trees to be retained.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Mitigation by willow pollarding. Where trees lost under OHL to be replanted within PILS	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC1	Part of the working area & access roads for PC1	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain.	Construction	CEMP (DCO Requirement)	5
Proposed Pylon	PC2	PC2	Tree belt along Vauxhall Road to be removed. G41, T12 Scaffolding across Vauxhall Road. Construction Bellmouth. Maintenance access. Construction and demolition haul road.	Strengthen and define existing hedgerows through hedgerow gap planting and new hedgerow tree planting. Allow vegetation along the base of retained hedgerows within cable swathes to grow unmanaged. Management of existing trees to be retained.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Not complete removal of G41 (Elder, Goat Willow, Crack Willow) can be managed and replanting in-situ with like for like.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC2	PC2 off Vauxhall Road	Kill, disturb, injure, reptiles and spread himalayan balsam.	Fence works area and trap out reptiles. Enhance surrounding area so suitable to receive reptiles and manage himalayan balsam.	Biodiversity	Avoid contravention of legislation Wildlife and Countryside Act (WCA) and Control of Weeds Act) through killing, injuring birds or reptiles and spreading himalayan balsam. NERC.	All working areas to be fenced with hard semi permanent reptile fencing and reptiles trapped out over c60 days. Reptiles moved into surrounding habitat (insitu receptor site). These areas to be enhanced with log piles/compost heaps so the now smaller area can support the moved reptiles. Himalayan balsam: Phased vegetation removal to ground and either store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Works should be completed prior to any ground works, in mid March through October inclusive, subject to ECoW agreement.	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC2	At PC2	Ground instability, human health (former quarry), possible gas risk to construction workers and buildings on adjacent land	Occupational health and safety and environmental management controls to protect site workers and adjacent land users from contamination and ground gas. Engineering design to account for potential adverse ground conditions.	Geology, Soils & Agriculture	EN-1 5.10.8 & NPPF paragraph 109.	Measures as outlined under Generic measures GSA-E and GSA-F	Construction	CEMP (DCO Requirement)	5
Proposed Pylon	PC3	PC3	Railway, PRow, Existing line to be undergrounded. Trees and hedgerow crossing railway that may be affected. Hedgerow may be affected along drain by Broad Oak Farm (789.6m2).	Strengthen and define existing hedgerows through hedgerow gap planting and new hedgerow tree planting. Provides setting to wider SLA. Habitat route.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	In situ mitigation, storage and reinstatement of topsoil	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC3	PC3 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required	Construction	Outline Written Scheme of Investigation (WSI) for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC3	Between Vauxhall Road and PC 3	Kill, disturb, injure, reptiles, Damage to LWS habitat	Trakway for access to pylon. Strimming for reptiles in works areas and enhancements for reptiles due to temporary habitat loss.	Biodiversity	Avoid contravention of legislation (Wildlife and Countryside Act). Local and National Planning Policy (EN-1, NPPF and county/district council policies). NERC.	Trakway for all access as on LWS grassland habitats. Areas adjacent to works areas to be enhanced with log piles/compost heaps so the now smaller area can support the temporarily displaced reptiles from Generic measure B-I . All disturbed grassland areas to be reseeded with species rich grassland after works. Short span bridges where waterbody crossings required.	Construction	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC3	Part of the working area & access roads for PC3	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access routes and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain.	Construction	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC4	PC4	Tree removal/coppicing/pruning by Broad Oak Lodge Farm. Trees G70 affected. Subject to TPO. Mixed deciduous woodland including Oak, Ash with Hazel, Maples and Sweet Chestnut.	G77 and G70 to be coppiced. Management of existing trees to be retained.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Pruning of branches along roadside and coppicing of G77 and G60, suitable management of coppicing of Hazel along road.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity Environmental Measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC4	PC4 working areas and access	Loss of hedgerow to N of pylon. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997, NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC4	All PC4 working areas including access road	Spread invasive Japanese Knotweed	Ecological supervision and retain connective boundary feature.	Biodiversity	Avoid contravention of legislation (Wildlife and Countryside Act and Control of Weeds Act). NERC.	Japanese Knotweed is currently outside the Site to the west of the access road. Pre works surveys must be completed to check on the status of the knotweed to check it is not within works area. If it is in works area: Phased vegetation removal to ground and either store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils (to 7m from plants) are removed from site then licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants and https://www.gov.uk/government/publications/japanese-knotweed-managing-on-development-sites	Works should be completed prior to any ground works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC4	Trees located between PC4 and PC5 span	Kill, disturb, injure, bats	Bat mitigation under Natural England EPS licence.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Removal of bat roost under Natural England EPS licence required and loss of trees with bat roosting potential between PC4 and PC5 span all require verification ground surveys before felling. Soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 3:1 (for confirmed roost) and 2:1 (non confirmed roost) strapped on retained trees in O/L, or tree limb with roost feature to be reattached on adjacent tree in canopy. Treelines requiring removal to allow for statutory clearance. A boundary identified as important for connectivity west of PC4 will have understorey retained, and gaps filled with dead hedging over night during works and gap planted with saplings directly after works.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/October.	European Protected Species Licence (Legal requirement)	N/A

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC4	Scaffolding access track to the north west of PC4.	Ground instability, human health (former landfill)	Occupational health and safety and environmental management controls to protect site workers and adjacent land users from contamination.	Geology, Soils & Agriculture	EN-1 5.10.8 & NPPF paragraph 109.	Measures as outlined under Generic measure GSA-E.	Construction	CEMP (DCO Requirement)	5
Proposed Pylon	PC5	PC5	Trees and hedgerow at Lynne Wood to be coppiced/pruned to allow for conductors to pass across	Management and enhancement planting of existing trees to be retained. Replacement hedgerow planting in situ. Allow vegetation along the base of retained hedgerows within cable swathes to grow unmanaged.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	In situ mitigation, laying of geotextile and wood chippings future maintenance of woodland affected by coppicing on short rotations. Possible for planting new trees but area to be managed as coppice.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC5	PC5 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC5	All vegetation removal associated with PC4 and PC5 span through woodland.	Kill, disturb, injure birds, bats. Notable invertebrates,	Ecological supervision, Trakway, bat roost replacement; avoidance of sensitive periods.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	All vegetation removal from access tracks and working areas (outside Woodland) to be supervised by ecologist and removed using manual brushcutters and trimmers (should be completed Mid March- October inclusive subject to ECoW/ecologist agreement). Within Woodland all trees coppiced and for access - geotextile mat, woodchipped onto mat, trackway onto wood chipping. No stump removal. Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature to be reattached on adjacent tree. Some dead wood piles to be created for invertebrates in pre identified areas. Any waterbody crossing points within Lynne Wood to be short span bridges.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/October.	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC5	Woodland strip between Lynne Wood and Beechams Wood; Den Grove Wood	Loss of mature woodland canopy, loss of terrestrial invertebrate habitat	Boundary planting between the SSSI woodland blocks (Lynne Wood and Beechams Wood) and under the 132kV line through Den Grove Wood. (PX10-PX11)	Biodiversity	Felling of the mature woodland at Lynne Wood, would result in a permanent loss of upper mature tree canopy habitat as trees would be coppiced under wayleaves during the project lifetime. Planting required to compensate for the loss of these mature trees which provide habitat to notable woodland terrestrial invertebrates. Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	The narrow woodland strip between Lynne Wood and Beechams Wood within the Order limits would be protected and retained during works and reinforce planted with native broadleaf saplings. The current wayleave between PX10-PX11 would be planted with native broadleaf saplings after 132kV removal.	Trees should be planted during November to March directly after 132kV removed (where possible).	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC6	PC6	Scaffolding , construction haul roads and construction working areas	Scaffolding to avoid hedgerow H11	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	In situ mitigation, storage and reinstatement of topsoil	Tree works not to be undertaken during bird nesting season (refer to Biodiversity Environmental Measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC6	PC6 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC6	Area bordering Beechams Wood .	Kill, disturb, injure, reptiles	Strimming for reptiles in works areas and enhancements due to temporary habitat loss. avoidance of sensitive periods.	Biodiversity	WCA	Ecological supervision to manually trim out all working areas before any works (Mid March - October inclusive). Areas adjacent to works areas to be enhanced with log piles/compost heaps to support the reptiles which will be displaced as part of generic strimming measure B-I.	Measures to be completed prior to any ground works, timings in summary text.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC7	PC7	Construction working areas. Continuous swathe over orchard trees.T122 (Lime) Scaffolding over Mayton Lane	Orchard trees to be retained and managed.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	T122 to be removed and replaced with 4 to 1 standard tree planting.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC7	PC7 working areas and access	Loss of hedgerow to S of tower. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC8	PC8	Scaffolding over Mayton Lane. Scaffolding over PRow. Trees and hedgerow aligning road may be affected. Alignment through orchard trees.	Orchard trees to be retained and managed. OHL will oversail orchard. Line of Poplars to north of line between PC8 and PC9 - these are lapsed pollards which will be re-pollarded. Management and enhancement planting of existing trees to be retained.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	G59 Poplar line to be pollarded to a height of around 2m	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC8	PC8 working areas and access, midspan PC8-9	Loss of hedgerow (adjacent to footpath mid-span PC8-9). Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC7-PC10	All vegetation being managed or removed in PC7-PC10 span	Kill, disturb, injure, Dormouse	Timed vegetation removal and planting under Natural England EPS licence.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies)	Cut vegetation/pollard between November-March (where possible). Reinforce plant the base of pollarded poplar treeline and adjacent gappy sections of hedges with dormouse hedgerow mix to compensate for short term vegetation loss and add log piles. No severed connectivity at Trakway crossing or scaffold crossing of poplar tree line otherwise moveable dead hedge to be left in place; over night bridging gap.	Timings shown in summary, unless otherwise agreed with Natural England. Reinforcement planting in line with good arboricultural practices.	European Protected Species Licence (Legal requirement)	N/A
Proposed Pylon	PC9	PC9	Order limits partially within orchard. Scaffolding over Barnett Lane. Area of hedgerow/trees may be affected (323m ²). Vegetation along drains may be affected (273m ²)	Additional hedge gap planting (gapping up) and hedge laying. Allow vegetation along the base of retained hedgerows within cable swathes to grow unmanaged. Management of existing trees.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	T146 and 148 to be removed, replaced 4 to 1 standards within PILS. Hedgerow to be reduced in height, no permanent removal. Scaffolding to avoid T182 and G94	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC9	PC9 working areas and access	Loss of hedgerow to W of PC9. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC10	PC10	Construction haul road and construction working area. Trees to be coppiced in Kemberland Wood TPO ancient woodland, mixed broadleaved, Oak standards over underwood coppice. Maintenance access outside woodland. G94, G100, H65, T205, T206	Contribute to management and cost effective improvements to existing woodlands of community value. Woodland ground flora and coppiced woodland will be retained beneath the overhead lines.	Landscape & Visual	Hedgerow regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	G100 Oaks to be removed and replacement planting within same area	Tree works not to be undertaken during bird nesting season (refer to Biodiversity Environmental Measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC10	PC10 working areas	Loss of hedgerow to E of PC10. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC7-PC10	Trees in PC7-PC-10 Span	Kill, disturb, injure bats	Trees with bat roost potential to be lost therefore replacement roosts required.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature on felled tree to be re-attached on adjacent tree in Order limits.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/October.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC11	PC11	Construction haul road, scaffolding over footpath, PRow closure. Construction working area over farmland.	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works. Management of existing trees.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	G116 removal, to be replanted same area but within PILS. G109 can be kept but requires sensitive management to ensure connectivity.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC11	PC11 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC11	PC11 access and pylon construction areas	Kill, disturb, injure GCN	Ecological supervision for precautionary vegetation removal.	Biodiversity	WCA and NERC.	All vegetation removal to be supervised by ecologist and removed using manual brushcutters and strimmers (should be completed Mid february - October inclusive as determined by ECoW/Ecologist)	Mitigation to be completed prior to any ground works, timings in summary text.	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC11	Trees located between PC11 and PC12 span	Kill, disturb, injure, bats	Bat mitigation under Natural England EPS licence.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Removal of bat roost under Natural England EPS licence required and loss of trees with bat roosting potential between PC11 and PC12 span all require verification ground surveys before felling. Soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 3:1 (for confirmed roost) and 2:1 (non confirmed roost) strapped on retained trees in O/L, or tree limb with roost feature to be reattached on adjacent tree in canopy. Treelines requiring removal to allow for statutory clearance.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/October, unless otherwise agreed with Natural England.	European Protected Species Licence (Legal requirement)	N/A
Proposed Pylon	PC11	All manged and removed vegetation between PC11-PC12.	Kill, harm, injure, disturb and damage habitats: dormouse and invertebrates	Dormouse Mitigation - timed vegetation removal and planting under Natural England EPS licence.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Cut vegetation/coppice between November-March (where possible). Ensure vegetation connectivity for dormouse along eastern boundary, by leaving stumps high and dead hedge where span clearance results in severance, followed by plug planting gaps with dormouse hedgerow mix to compensate for short term vegation loss and add log piles and for dormouse and invertebrates and dormouse boxes in adjacent habitat.	Timings shown in summary, unless otherwise agreed with Natural England. Reinforcement planting in line with good arboricultural practices. Connective planting to take place directly after works.	European Protected Species Licence (Legal requirement)	N/A
Proposed Pylon	PC11	Between PX14-PX15 wayleave	Loss of mature woodland canopy, loss of terrestrial invertebrate habitat.	Broadleaved planting under the 132kV line through the southern extent of Kemberland Wood. (PX14-PX15)	Biodiversity	Felling of the mature woodland at Kemberland Wood, would result in a permanent loss of upper mature tree canopy habitat as trees would be coppiced under wayleaves during the project lifetime. Planting required to compensate for the loss of these mature trees which provide habitat to notable woodland terrestrial invertebrates.	The current wayleave between PX14-PX15 would be planted with with native broadleave saplings after 132kv removal.	Tree planting to take place after 132kV removal (as soon as is possible). Trees should be planted between November and the end of March .	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC11	All manged and removed vegetation adjacent to between PC11 and PC12.	Kill, harm, injure, disturb and damage habitats: dormouse	Dormouse Mitigation - timed vegetation removal and planting under Natural England EPS licence.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Cut vegetation between November-March (where possible) followed by plug planting gaps with dormouse hedgerow mix to compensate for short term vegation loss.	Timings shown in summary, Natural England may agree to vegetation removal in May or late September/ October, otherwise as described. Reinforcement planting in line with good arboricultural practices. Any connective planting to take place directly after works.	European Protected Species Licence (Legal requirement)	N/A
Proposed Pylon	PC12	PC12	Construction haul road, maintenance access road.	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Under-planting proposed to G130 which the OHL will oversail. G132 needs to be kept to provide connectivity through Kemberland Wood. Kemberland Wood to be coppiced and same construction methods as for Lynne Wood Ancient Woodland.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous tress to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC12	PC12 working areas and access	Loss of hedgerow to W of pylon. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC13	PC13	Construction haul road, maintenance access, construction working area.	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity Environmental Measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC13	PC13 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC14	PC14	Construction haul road, maintenance access, construction working area.	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC14	PC14 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC15	PC15	Demolition haul road, maintenance access, scaffold access, demolition haul road construction haul road, Working areas construction and demolition, Scaffolding across Hoath Road. Trees and hedgerows may be affected to roadside (1524m2). Trees and hedgerows may be affected along drain.	In situ trees and hedgerow replacement, gapping up, planting of hedgerow trees providing opportunities to link existing hedgerow and restoring boundaries along fields.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

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Proposed Pylon	PC15	Around working area and access to PC15. Also to hedgerow at Tile Lodge Farm to north of PC15	Change to setting of Tile Lodge Farmhouse. Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist. Hedgerow planting	Historic Environment	NPS EN-1 5.8.18, NPS EN-1 5.8.20	Strengthen planting to hedgerow south of Tile Lodge Farmhouse. Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement) for archaeological works, s106 for hedgerow works	5
Proposed Pylon	PC16	PC16	Construction haul road and maintenance access, working areas, demolition haul road. Scaffolding over Bredlands Lane.	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	H102 to be managed and retained to provide connectivity. T255 may be removed - if so 4:1 replacement tree planting within Bredlands Lane hedgerow to also help visual screening from Tile Lodge Farm	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC16	PC16 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC16	Part of the working area & access roads near PC16	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain.	Construction	CEMP (DCO Requirement)	5
Bellmouth	BM02	BM02	Construction and maintenance access uses existing road; potential removal or reduction in height of trees at the end of G28 and woodland along south side of road	in-situ replacement tree planting with due regard to sightline requirements	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the Arboricultural Impacts Assessment (AIA)	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM03	Part of the working area & access roads (BM03)	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain. The mitigation is not at the bellmouth itself, it is to be implemented along part of the associated access road.	Construction	CEMP (DCO Requirement)	5

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Bellmouth	BM04	BM04	Access created through tree group G47 and G41 requires removal of trees	In-situ replacement tree planting with due regard to sightline requirements	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM05	Part of the working area & access roads (BM05)	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain. The mitigation is not at the bellmouth itself, it is to be implemented along part of the associated access road.	Construction	CEMP (DCO Requirement)	5
Bellmouth	BM06	BM06	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Removal of the topsoil/ subsoil and possibly hedgerows and/or existing boundary fences and gates. The existing metalled roadway will also require protection and inclusion of a tarmac edging strip along the length of the bellmouth access	Construction	CEMP (DCO Requirement)	5
Bellmouth	BM08	BM08	Access created through tree group G77 requires removal of trees at southern end of group	In-situ replacement tree planting with due regard to sightline requirements	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM09	BM09	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Removal of the topsoil/ subsoil and possibly hedgerows and/or existing boundary fences and gates. The existing metalled roadway will also require protection and inclusion of a tarmac edging strip along the length of the bellmouth access	Construction	CEMP (DCO Requirement)	5

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Bellmouth	BM09	BM09	Construction access affects the end of hedgerow H48, with short section requiring management (trimming to ground level).	Hedgerow allowed to re-grow on removal of the temporary access road	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM09	Hedgerow reduction south of BM09 for visibility splay. Must avoid damage to grassland directly west of hedgerow.	Kill notable invertebrate population.	Sensitive hedgerow cutting methods	Biodiversity	Kill notable listed invertebrate population (NERC), limited to the field adjacent to the west of the hedgerow.	The hedgerow reduction south of BM09 for visibility splay (c200m) should be undertaken either in the summer when ground conditions in the field directly west of the hedgerow section are hard using only light chippers and 4x4/vans or if to be completed over winter, the grassland should not be damaged therefore works to be completed on foot using chainsaws, dragging material by hand and processing in adjacent less optimal field avoiding any vehicle movements	During hedgerow removal	Biodiversity Mitigation Strategy (DCO Requirement)	5
Bellmouth	BM10	BM10	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Removal of the topsoil/ subsoil and possibly hedgerows and/or existing boundary fences and gates. The existing metalled roadway will also require protection and inclusion of a tarmac edging strip along the length of the bellmouth access	Construction	CEMP (DCO Requirement)	5
Bellmouth	BM11	BM11	Construction access affects hedgerow H50, with a short section requiring management (trimming to ground level).	Hedgerow allowed to re-grow on removal of the temporary access road	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM11	BM11	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Removal of the topsoil/ subsoil and possibly hedgerows and/or existing boundary fences and gates. The existing metalled roadway will also require protection and inclusion of a tarmac edging strip along the length of the bellmouth access	Construction	CEMP (DCO Requirement)	5

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Bellmouth	BM12	BM12	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Removal of the topsoil/ subsoil and possibly hedgerows and/or existing boundary fences and gates. The existing metalled roadway will also require protection and inclusion of a tarmac edging strip along the length of the bellmouth access	Construction	CEMP (DCO Requirement)	5
Bellmouth	BM13	BM13	construction access affects tree group G51 and hedgerow H15	In-situ replacement tree planting	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM13	All areas requiring tree/scrub removal (BM13)	Kill, injure and disturb dormice	Dormouse Mitigation - timed vegetation removal and under Natural England EPS licence.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Dormouse potential within vegetation to be removed, therefore remove in two stages, to ground level over winter (Nov-Feb inclusive), then grub out roots in May to displace dormouse safely under method statement	Timings shown in summary, unless otherwise agreed with Natural England.	European Protected Species Licence (Legal requirement)	N/A
Bellmouth	BM14	BM14	Construction access affects edge of tree group G85	In-situ replacement tree planting	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM14	All areas requiring tree/scrub removal (BM14)	Kill, injure and disturb dormice and bats	Dormouse Mitigation - timed vegetation removal and under Natural England EPS licence. Trees with bat roost potential to be lost therefore replacement roosts required.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Dormouse potential within vegetation to be removed, therefore remove in two stages, to ground level over winter (Nov-Feb inclusive), then grub out roots in May to displace dormouse safely under method statement. Create log piles for additional habitat. Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature on felled tree to be re-attached on adjacent tree in O/L.	Timings shown in summary, unless otherwise agreed with Natural England.	European Protected Species Licence (Legal requirement)	N/A
Bellmouth	BM15	All areas requiring tree/scrub removal (BM15)	Kill, injure and disturb dormice	Dormouse Mitigation - timed vegetation removal and under Natural England EPS licence.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Dormouse potential within vegetation to be removed, therefore remove in two stages, to ground level over winter (Nov-Feb), then grub out roots in May to displace dormouse safely under method statement. Create log piles for additional habitat.	Timings shown in summary, unless otherwise agreed with Natural England.	European Protected Species Licence (Legal requirement)	N/A

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Bellmouth	BM16	BM16	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Removal of the topsoil/ subsoil and possibly hedgerows and/or existing boundary fences and gates. The existing metalled roadway will also require protection and inclusion of a tarmac edging strip along the length of the bellmouth access	Construction	CEMP (DCO Requirement)	5
Bellmouth	BM18	BM18	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Removal of the topsoil/ subsoil and possibly hedgerows and/or existing boundary fences and gates. The existing metalled roadway will also require protection and inclusion of a tarmac edging strip along the length of the bellmouth access	Construction	CEMP (DCO Requirement)	5
Bellmouth	BM19	BM19	Construction and maintenance access affects tree groups G120, G109 and G116	In-situ replacement tree planting with due regard to sightline requirements	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM19	All areas requiring tree/scrub removal (BM19)	Kill, injure and disturb dormice, damage habitat	Dormouse Mitigation - timed vegetation removal and under Natural England EPS licence.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Dormouse potential within vegetation to be removed, therefore remove in two stages, to ground level over winter (Nov-Feb inclusive), then grub out roots in May to displace dormouse safely under method statement	Timings shown in summary, unless otherwise agreed with Natural England	European Protected Species Licence (Legal requirement)	N/A
Bellmouth	BM22	Earth bunds adjacent to BM22	Large gaps created by bellmouths in hedgerows/ treelines sever bat commuting habitat through the landscape	Seeding bunds with grass mix and planting saplings adjacent to bellmouth earth bunds.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Habitat connectivity: Earth bunds created next to the access tracks at bellmouths will be seeded with species rich grassland and/ or planted with saplings where visibility allows or saplings will be planted alongside temporary fencing up to the access track gateway for the duration of the bellmouth to allow for continued habitat connection. Hedges replaced after works.	As soon as is reasonably practicable after bellmouth creation	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Bellmouth	BM22	BM22	Construction access effects management of hedgerow H97	Hedgerow allowed to re-grow on removal of the temporary access road	Landscape & Visual	Hedgerow regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity Environmental Measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Site compound - Westbere	SC-W	In situ	Management and removal of H96, G143, G145, G146, T248 and T250, and woodland to western boundary	Protection to RPAs of adjacent woodland, trees and tree groups. Replacement tree planting in situ	Landscape & Visual	Hedgerow regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Site compound - Westbere	SC-W	Westbere compound	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Site compound - Westbere	SC-W	Westbere compound	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Site mobilisation and compound set up, Site clearance, site hoarding and site facilities.	Construction	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Site compound - Westbere	SC-W	Westbere compound	Kill, disturb, injure, reptiles and spread Japanese Knotweed	Fence works area and trap out reptiles. Enhance adjacent receptor area for reptiles so suitable to receive reptiles. manage knotweed	Biodiversity	Avoid contravention of legislation Wildlife and Countryside Act (WCA)) through killing, injuring birds or reptiles. NERC. Spreading of invasive species under WCA and the Control of weeds Act	Reptile translocation to be conducted with compound area fenced with hard semi permanent reptile fencing and reptiles trapped out over c.60 days. Reptiles moved into a receptor area in adjacent habitat to the west. The receptor site will require tree and scrub removal prior to any reptile translocation and areas enhanced with log piles/compost heaps and grassland seeding. Japanese Knotweed: Phased vegetation removal to ground and either store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils (to 7m from plants) are removed from site then licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants and https://www.gov.uk/government/publications/japanese-knotweed-managing-on-development-sites	Works should be completed mid March-October only, therefore should be started in July to ensure completion of a full trapping scheme for reptiles.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Site compound - Westbere	SC-W	Westbere compound	Compound situated on landfill that accepted commercial and household waste. Potential risk of gas ingress.	Construction compound design to account for underlying ground conditions.	Geology, Soils & Agriculture	EN-1 5.10.8 & NPPF paragraph 109.	Measures as outlined under Generic measures GSA-E and GSA-F . Works to avoid breaching any pre-existing landfill cap. Incorporation of design measures to prevent gas ingress, as required following intrusive investigation and gas monitoring. These may include the use of raised construction (i.e. clear void space below cabins), gas resistant membranes and/or gas alarms.	Construction	CEMP (DCO Requirement)	5
Scaffolding (construction)	S8.1.1	All areas requiring tree/scrub removal	Kill, injure, disturb dormouse, habitat damage	Remove vegetation under ecological supervision	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Dormouse potential within vegetation to be removed, therefore remove in two stages, reduction in height over winter (Nov-Feb inclusive where possible), then to ground level in May. If roots required grubbing out then this would need to be done in May, and as required, under Natural England licence.	All to be completed before any ground works. If just a vegetation reduction in height then over winter (Nov-Feb inclusive). If roots require grubbing out, a one stage vegetation removal, completed in May would be considered but may be subject to licensing. Otherwise timings shown in summary, unless otherwise agreed with ECoW and Natural England if required.	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Scaffolding (construction)	S8.1.2	All areas requiring hedge/tree/scrub removal	Kill , injure, disturb dormouse , habitat damage	Remove vegetation under ecological supervision	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Dormouse potential within vegetation to be removed, therefore remove in two stages, reduction in height over winter (Nov-Feb inclusive where possible), then to ground level in May. If roots required grubbing out then this would need be done in May, and as required, under Natural England licence.	All to be completed before any ground works. If just a vegetation reduction in height then over winter (Nov-Feb inclusive). If roots require grubbing out, a one stage vegetation removal, completed in May would be considered but may be subject to licensing. Otherwise timings shown in summary, unless otherwise agreed with ECoW and Natural England if required.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S8.2.1	All areas requiring hedge/tree/scrub removal	Kill , injure, dormouse	Remove vegetation under ecological supervision	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Dormouse potential within vegetation to be removed, therefore remove in two stages, reduction in height over winter (Nov-Feb). If roots require grubbing out then this must be done in May under Natural England licence.	All to be completed before any ground works. If just a vegetation reduction in height then over winter (Nov-Feb). If roots require grubbing out, Natural England may agree to one stage vegetation removal which may need to be completed in May, otherwise two stage process as described in summary.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S8.2.2	All areas requiring hedge/tree/scrub removal	Kill , injure, disturb dormouse , habitat damage	Remove vegetation under ecological supervision	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies)	Dormouse potential within vegetation to be removed, therefore remove in two stages, reduction in height over winter (Nov-Feb). If roots require grubbing out then this may need to be done in May under Natural England licence.	All to be completed before any ground works. If just a vegetation reduction in height then over winter (Nov-Feb). If roots require grubbing out, Natural England may agree to one stage vegetation removal which may need to be completed in May , otherwise two stage process as described in summary.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S10.1.2	All areas requiring hedge/tree/scrub removal	Kill , injure, disturb dormouse , habitat damage	Dormouse Mitigation - timed vegetation removal and under Natural England EPS licence. Remove vegetation under SE supervision: NB japanese knotweed, see measures at Westbere compound.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Dormouse (mainly commuting, but could nest) potential within vegetation to be removed, therefore remove in two stages, reduction in height over winter (Nov-Feb inclusive) and then allow dormice to disperse in May. No notable roots are to be removed. If it is determined that full extraction of Japanese knotweed is essential (7m all round plants) then licensing for this section for dormouse would be needed .	All to be completed before any ground works. If just a vegetation reduction in height then over winter (Nov-Feb). Timings and works as shown in summary, unless otherwise agreed with Natural England.	European Protected Species Licence (Legal requirement)	N/A

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Scaffolding (construction)	SD10.1.2	Location Specific	Spread invasive weed: japanese knotweed.	Best practice control in situ or removal off site to appropriate licenced waste site. Specific measures for control required.	Biodiversity	Schedule 9 invasive plant, avoid contravening the WCA/ Control of weeds Act	Knotweed within the scaffolding works area, must not be spread and must be treated before all works. Phased vegetation removal to ground only, rather than excavation (due to dormice) is preferable and store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If removed from site then licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants and https://www.gov.uk/government/publications/japanese-knotweed-managing-on-development-sites	Pre construction clearance under Method Statement for Dormice in conjunction with Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants and https://www.gov.uk/government/publications/japanese-knotweed-managing-on-development-sites as appropriate. Under advice from the ECoW.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (diversion)	SDV8.1.1	In situ	Negligible effect	Hedgerow and tree maintenance	Landscape & Visual	NA	Scaffolding erected to provide sufficient space for safe working practices but not extend beyond the minimum limit. Hedgerow and trees to be regularly maintained. Where any pruning works are required the extent of this shall be assessed as early in the construction process as possible and any works shall be carried out by qualified operatives in accordance with BS3998.	During diversion works	CEMP (DCO Requirement)	5
Scaffolding (diversion)	SDV8.1.2	In situ	Negligible effect	Hedgerow and tree maintenance	Landscape & Visual	NA	Scaffolding erected to provide sufficient space for safe working practices but not extend beyond the minimum limit. Hedgerow and trees to be regularly maintained. Where any pruning works are required the extent of this shall be assessed as early in the construction process as possible and any works shall be carried out by qualified operatives in accordance with BS3998.	During diversion works	CEMP (DCO Requirement)	5
Scaffolding (diversion)	SDV8.1.3	In situ	Negligible effect	Hedgerow and tree maintenance	Landscape & Visual	NA	Scaffolding erected to provide sufficient space for safe working practices but not extend beyond the minimum limit. Hedgerow and trees to be regularly maintained. Where any pruning works are required the extent of this shall be assessed as early in the construction process as possible and any works shall be carried out by qualified operatives in accordance with BS3998.	During diversion works	CEMP (DCO Requirement)	5
Scaffolding (demolition)	SD10.1.1	All works, access, scaffolding etc	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Scaffolds are erected in preparation to the stringing operation, to protect roads, tracks, paths, railways. Scaffold is transported to the site using a lorry or tractor and trailer and is assembled by hand.	Construction	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Scaffolding (demolition)	SD10.1.2	All works, access, scaffolding etc	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Scaffolds are erected in preparation to the stringing operation, to protect roads, tracks, paths, railways. Scaffold is transported to the site using a lorry or tractor and trailer and is assembled by hand.	Construction	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX08TB1	In situ	Trees and hedgerow at Lynne Wood to be coppiced/pruned to allow for conductors to pass across	Management and enhancement. Replacement hedgerow planting in situ.	Landscape & Visual	Hedgerow regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	In situ mitigation, laying of geotextile and wood chippings future maintenance of woodland affected by coppicing on short rotations. Possible for planting new trees but area to be managed as coppice.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	Landscape Mitigation Strategy (DCO Requirement)	8 and 9
Pylon diversion (PX)	PX08TB1	All vegetation removal associated with PC4 and PC5 span through woodland.	Kill, disturb, injure, birds, bats. Notable invertebrates,	Ecological supervision, Trakway, bat roost replacement; avoidance of sensitive periods.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Trees to be coppiced where possible access should consist of geotextile matt, with woodchipping onto geotextile, Trakway panels onto the wood chipping. No stump removal. Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature to be reattached on adjacent tree. Some dead wood piles to be created.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/October.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon diversion (PX)	PX08TB1	In situ	Trees and hedgerow at Lynne Wood to be coppiced/pruned to allow for conductors to pass across	Management and enhancement. Replacement hedgerow planting in situ.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	In situ mitigation, laying of geotextile and wood chippings future maintenance of woodland affected by coppicing on short rotations. Possible for planting new trees but area to be managed as coppice.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX08TB2	All vegetation removal associated with PC4 and PC5 span through woodland.	Kill, disturb, injure, birds, bats. Notable invertebrates	Ecological supervision, Trakway, bat roost replacement; avoidance of sensitive periods.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Trees to be coppiced where possible access should consist of geotextile matt, with woodchipping onto geotextile, Trakway panels onto the wood chipping. No stump removal. Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature to be reattached on adjacent tree. Some dead wood piles to be created.	Timings in Summary text. Where possible tree removal works which have bat roosting potential will be carried out in April or September/October.	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon diversion (PX)	PX08TB2	In situ	Trees and hedgerow at Lynne Wood to be coppiced/pruned to allow for conductors to pass across	Management and enhancement. Replacement hedgerow planting in situ.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	In situ mitigation, laying of geotextile and wood chippings future maintenance of woodland affected by coppicing on short rotations. Possible for planting new trees but area to be managed as coppice.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX08TB3	All vegetation removal associated with PC4 and PC5 span through woodland.	Kill, disturb, injure, birds, bats. Notable invertebrates	Ecological supervision, Trakway, bat roost replacement; avoidance of sensitive periods.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Trees to be coppiced where possible access should consist of geotextile matt, with woodchipping onto geotextile, Trakway panels onto the wood chipping. No stump removal. Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature to be reattached on adjacent tree. Some dead wood piles to be created.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/October.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon diversion (PX)	PX08TB3	In situ	Trees and hedgerow at Lynne Wood to be coppiced/pruned to allow for conductors to pass across	Management and enhancement. Replacement hedgerow planting in situ.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	In situ mitigation, laying of geotextile and wood chippings future maintenance of woodland affected by coppicing on short rotations. Possible for planting new trees but area to be managed as coppice.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX08TB4	All vegetation removal associated with PC4 and PC5 span through woodland.	Kill, disturb, injure, birds, bats. Notable invertebrates	Ecological supervision, Trakway, bat roost replacement; avoidance of sensitive periods.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Trees to be coppiced where possible, access should consist of geotextile matt, with woodchipping onto geotextile, Trakway panels onto the wood chipping. No stump removal. Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature to be reattached on adjacent tree. Some dead wood piles to be created.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/October.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon diversion (PX)	PX08TB4	In situ	Trees and hedgerow at Lynne Wood to be coppiced/pruned to allow for conductors to pass across	Management and enhancement. Replacement hedgerow planting in situ.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	In situ mitigation, laying of geotextile and wood chippings future maintenance of woodland affected by coppicing on short rotations. Possible for planting new trees but area to be managed as coppice.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon diversion (PX)	PX08TA1	All vegetation removal associated with PC4 and PC5 span through woodland.	Kill, disturb, injure, birds, bats. Notable invertebrates,	Ecological supervision, Trakway, bat roost replacement; avoidance of sensitive periods.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Trees to be coppiced where possible, access should consist of geotextile matt, with woodchipping onto geotextile, Trakway panels onto the wood chipping. No stump removal. Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature to be reattached on adjacent tree. Some dead wood piles to be created.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/October.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon diversion (PX)	PX08TA1	In situ	Trees and hedgerow at Lynne Wood to be coppiced/pruned to allow for conductors to pass across	Management and enhancement. Replacement hedgerow planting in situ.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	In situ mitigation, laying of geotextile and wood chippings future maintenance of woodland affected by coppicing on short rotations. Possible for planting new trees but area to be managed as coppice.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX08TA2	All vegetation removal associated with PC4 and PC5 span through woodland.	Kill, disturb, injure, birds, bats. Notable invertebrates	Ecological supervision, Trakway, bat roost replacement; avoidance of sensitive periods.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Trees to be coppiced where possible, access should consist of geotextile matt, with woodchipping onto geotextile, Trakway panels onto the wood chipping. No stump removal. Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature to be reattached on adjacent tree. Some dead wood piles to be created.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/October.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon diversion (PX)	PX08TA2	In situ	Trees and hedgerow at Lynne Wood to be coppiced/pruned to allow for conductors to pass across	Management and enhancement. Replacement hedgerow planting in situ.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	In situ mitigation, laying of geotextile and wood chippings future maintenance of woodland affected by coppicing on short rotations. Possible for planting new trees but area to be managed as coppice.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX08TA3	All vegetation removal associated with PC4 and PC5 span through woodland.	Kill, disturb, injure, birds, bats. Notable invertebrates	Ecological supervision, Trakway, bat roost replacement; avoidance of sensitive periods.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Trees to be coppiced where possible, access should consist of geotextile matt, with woodchipping onto geotextile, Trakway panels onto the wood chipping. No stump removal. Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature to be reattached on adjacent tree. Some dead wood piles to be created.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/October.	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon diversion (PX)	PX08TA3	In situ	Trees and hedgerow at Lynne Wood to be coppiced/pruned to allow for conductors to pass across	Management and enhancement. Replacement hedgerow planting in situ.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	In situ mitigation, laying of geotextile and wood chippings future maintenance of woodland affected by coppicing on short rotations. Possible for planting new trees but area to be managed as coppice.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX001	In situ	Affects trees within tree group G7	Protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX002	In situ	Affects trees within tree group G8 and G14	Protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX002	PX002 works area	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Use of metal cutters on pylons and concrete breakers to remove pylon bases.	Construction	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon removal	PX003	In situ	Affects trees T24 and T40	Protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX003	PX003 works area	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Use of metal cutters on pylons and concrete breakers to remove pylon bases.	Construction	CEMP (DCO Requirement)	5
Pylon removal	PX004	In situ	Affects trees within tree group G11 and RPA of T41 and T42	Protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX004	PX004 works area	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Use of metal cutters on pylons and concrete breakers to remove pylon bases.	Construction	CEMP (DCO Requirement)	5
Pylon removal	PX005	In situ	Affects trees within tree group G23, G26, T85, T86 and T89	Protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon removal	PX005	PX005 works area	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Use of metal cutters on pylons and concrete breakers to remove pylon bases.	Construction	CEMP (DCO Requirement)	5
Pylon removal	PX005	All areas requiring tree/scrub removal	Kill, injure, disturb, dormouse	Remove vegetation under ecological supervision over two stages	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Dormouse potential within vegetation to be removed, therefore remove in two stages, reduction in height over winter (Nov-Feb inclusive where possible), then to ground level in May. If roots required grubbing out then this would need be done in May, and as required, under method statement or Natural England licence.	Timings shown in summary, unless otherwise agreed with the Ecow (MS) or Natural England (if licensing is required).	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX005A	All areas requiring tree/scrub removal	Kill, injure, disturb, dormouse	Remove vegetation under ecological supervision over two stages	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies) , NERC.	Dormouse potential within vegetation to be removed, therefore remove in two stages, reduction in height over winter (Nov-Feb inclusive where possible), then to ground level in May. If roots required grubbing out then this would need be done in May, and as required, under method statement or Natural England licence.	Timings shown in summary, unless otherwise agreed with the Ecow (MS) or Natural England (if licensing is required).	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX005A	In situ	Affects trees and RPA within woodland	Protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity Environmental Measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous tress to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX006	In situ	Affects trees and RPA within woodland	Protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity Environmental Measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous tress to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon removal	PX006	At PX006	Ground instability, human health, gas migration (former landfill)	Occupational health and safety and environmental management controls to protect site workers and adjacent land users from contamination and ground gas. Engineering design to account for potential adverse ground conditions.	Geology, Soils & Agriculture	EN-1 5.10.8 & NPPF paragraph 109.	Measures as outlined under Generic measures GSA-E and GSA-F . Works to minimise breach of any pre-existing landfill cap and ensure that this is fully re-instated on completion.	Construction	CEMP (DCO Requirement)	5
Pylon removal	PX007	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as works complete	CEMP (DCO Requirement)	5
Pylon removal	PX007A	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as works complete	CEMP (DCO Requirement)	5
Pylon removal	PX008	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as works complete	CEMP (DCO Requirement)	5
Pylon removal	PX008	All vegetation removal through woodland.	Kill, disturb, injure birds, bats. Notable invertebrates	Ecological supervision, Trakway, bat roost replacement; avoidance of sensitive periods.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	All vegetation removal from access tracks and working areas (outside Woodland) to be supervised by ecologist and removed using manual brushcutters and trimmers (should be completed Mid March- October inclusive subject to ECoW agreement). Within Woodland all trees coppiced and for access - geotextile mat, woodchipped onto mat, trackway onto wood chipping. No stump removal. Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature to be reattached on adjacent tree. Some dead wood piles to be created for invertebrates in pre identified areas. Any waterbody crossing points within Lynne Wood to be short span bridges.	Timings in Summary. Where possible tree removal works which have bat roosting potential will be carried out in April or September/October.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX009	In situ	Negligible effect	reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as works complete	CEMP (DCO Requirement)	5
Pylon removal	PX010	PX010 works area	Temporary Construction Noise Impacts	Restrict work hours where appropriate: Weekday Daytime: 0800-1800 (with 1 hour startup between 0700 and 0800) Saturday 0800-1300 See also Generic measures N&V A-H	Construction Noise	Best Practicable Means to reduce construction noise impacts. Restrict Work hours to Daytime hours	Use of metal cutters on pylons and concrete breakers to remove pylon bases.	Construction	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon removal	PX010	In situ	affects trees in woodland and G93 and G95, T197, T198, T196 and T194	protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	As soon as works complete	CEMP (DCO Requirement)	5
Pylon removal	PX011	In situ	Affects RPA of adjacent woodland	Protection of RPA	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX012	In situ	Negligible effect	reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as works complete	CEMP (DCO Requirement)	5
Pylon removal	PX013	In situ	Affects RPA of tree group G122 and G119	Protection of RPA	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX014	Under 132kV wayleave	Compensation for loss of mature woodland between PC11-PC12	Broadleaved planting under the 132kV line through the southern extent of Kemberland Wood. (PX14-PX15)	Biodiversity	Felling of the mature woodland at Kemberland Wood, would result in a permanent loss of upper mature tree canopy habitat as trees would be coppiced under wayleaves during the project lifetime. Planting required to compensate for the loss of these mature trees which provide habitat to notable woodland terrestrial invertebrates. NERC, Local and National Planning Policy (EN-1, NPPF and county/district council policies) .	Where gaps are present the current wayleave between PX14-PX15 would be planted with native broadleaved saplings after 132kV removal or where dense scrub present, left to regenerate to woodland.	Plant as required after 132kV removal (planting period November to March)	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon removal	PX014	In situ	Affects RPA of woodland	Protection of RPA	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX015	In situ	Affects RPA of woodland	Protection of RPA	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX016	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as works complete	CEMP (DCO Requirement)	5
Pylon removal	PX017	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as works complete	CEMP (DCO Requirement)	5
Pylon removal	PX018	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as works complete	CEMP (DCO Requirement)	5
Pylon removal	PX019	In situ	Affects RPA of tree group G140	Protection of RPA	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX020	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as works complete	CEMP (DCO Requirement)	5
Route Section B										

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC17	PC17	Construction haul road, trees and hedgerow to be removed and vegetation along the Penn. Construction working areas.	In situ replacement and enhancement planting along the Sarre Penn. Management of existing trees.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Oversails G155 (Poplar) Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC17	PC17 working areas and access	Loss of hedgerow to west of tower. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC17	Part of the working area & access roads near PC17	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain.	Construction	CEMP (DCO Requirement)	5
Proposed Pylon	PC17	Trees in PC17-PC-18 Span	Kill, disturb, injure bats	Trees with bat roost potential to be lost therefore replacement roosts required.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature on felled tree to be re-attached on adjacent tree in Order limits.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/ October.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC18	Trees in PC18-PC-19 Span	Kill, disturb, injure bats, sever commuting habitat.	Trees with bat roost potential to be lost therefore replacement roosts required. Measures required to ensure connectivity retained for commuting bats.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Bat trees to be verification surveyed and soft felled by climbers, tree roosts to be replaced with artificial boxes ratio 2:1, strapped on retained trees, or tree limb with roost feature on felled tree to be re-attached on adjacent tree in O/L. Trees to be managed between PC18 and PC19 for statutory line clearances should be pollarded or pruned where possible and broadleaved gap planting undertaken direct after works.	Where possible tree removal works which have bat roosting potential will be carried out in April or September/ October.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC18	PC18	Construction haul road and maintenance access. Construction working areas.	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works. Management of existing trees.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Oversails G162, 165 Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC18	PC18 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC19	PC19	Maintenance access, Construction working areas,	In situ replacement and enhancement planting along the Sarre Penn.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC19	PC19 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC20	PC20	Scaffolding over footpath, PRow closure, construction access, scaffolding over track.,	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works. PRow maintenance. Management of existing trees.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Oversails G179 Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC20	PC20 working areas and access	Loss of hedgerow to field boundary at crossing of Sarre Penn. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC20	Access road footprint for GCN and PC 20-21 span for bats.	Kill, disturb, injure great crested newt; bats, sever bat commuting habitat.	Ecological supervision, alternative bat roosting provision. Measures required to ensure connectivity retained for commuting bats.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Supervise soil strip, for access road for PC21-PC22 where within 250m of GCN pond. Between February to October (inclusive). Trees with bat roosting potential to be lost alternative provision required in the form of bat boxes 2:1 on adjacent retained trees (area highlighted on PDF polygon map). Trees to be managed between PC20 and PC21 for statutory line clearances should be pollarded or pruned where possible and broadleaved gap planting undertaken directly after works.	Initial ground strip for GCN should be completed February to October inclusive subject to ECoW agreement. Where possible tree removal works which have bat roosting potential will be carried out in April or September/ October.	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC21	PC21	Scaffold access, construction working area, scaffolding over drain, construction haul road and maintenance access, Marshy grassland to be removed, construction over pond and drains, trees and hedgerows to be removed	In situ replacement planting, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works. Management of existing trees.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC21	PC21 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC21	Pylon locations for hobby	Kill, disturb, injure great crested newt	Ecological supervision	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC	Supervise soil strip, for access road for PC21-PC22 where within 250m of GCN pond. Between February and October.	Initial ground strip for GCN should be completed February to October inclusive subject to ECoW agreement.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC22	PC22	Scaffold access, construction working area, scaffolding over drain, construction haul road and maintenance access, marshy grassland to be removed, construction over pond and drains, trees and hedgerows to be removed	In situ replacement planting, topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC22	Tree felling between PC22-23 Span	Kill, disturb, injure bats, dormouse, damage habitat.	Natural England EPS dormouse and bat licence	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies)	Span between PC22-23 results in loss of dormouse habitat and disturbance to a tree with bat roost in. Bat tree to be managed under licence via soft felling ideally September-October. Three Artificial bat boxes to be placed in adjacent retained trees. Other trees with bat roosting potential lost these replaced with bat boxes 2:1. Need to reinforce vegetation for dormouse, by coppicing species to keep connectivity and dead hedge where span clearance results in severance and avoid clearance of lower scrub north of the river. Dormouse nest boxes and log piles to be erected/made in adjacent areas to provide additional habitat.	Where possible tree removal works which have bat roosting potential will be carried out in September/October subject to Natural England bat and dormouse License consent. Timings shown in summary, unless otherwise agreed with Natural England.	European Protected Species Licence (Legal requirement)	N/A

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC22	PC22 working areas and access	Loss of hedgerows PC22-23. Disturbance of archaeological features	Reinstate hedgerows. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC23	PC23	Scaffold access, construction working area, scaffolding over drain, construction haul road and maintenance access, G212 to be removed. Marshy grassland to be removed, construction over pond and drains, trees and hedgerows to be removed	In situ replacement planting, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works. Management of existing trees.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	G212 to be removed, Oaks (mature and high value). Same area to be replanted but similar trees instead of high value older trees. Rich seedbank to be retained.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC23	PC23 working areas and access	Loss of hedgerows PC23-24. Disturbance of archaeological features	Reinstate hedgerows. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC23	All access road from PC23 east to Sand Pit Hill Road	Damage Chislet Marshes LWS grassland habitats.	Trakway Road	Biodiversity	Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	All access road from PC23 east to Sand Pit Hill Road which is not on arable should be Trakway not stone road and area reseeded with species rich grassland after works.	All periods	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC24	PC24	Scaffold access, construction working area, scaffolding over drain, construction haul road and maintenance access. Marshy grassland to be removed, construction over pond and drains, trees and hedgerows to be removed	In situ replacement planting, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works. Management of existing trees.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Oversails T349, G224, T335 Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC24	PC24 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC24	East of PC24 woodland copse	Damage Chislet Marshes LWS grassland habitats. Kill, disturb, injure, dormouse and bats.	Trakway road, Natural England EPS dormouse licence; replacement bat roosts;	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Woodland copse next to PC24 has dormouse and trees with bat roosting potential, trees will need verification surveys and soft felling for bats and the provision of alternative bat roosting boxes in adjacent trees 2:1 ratio. The vegetation removal here should be completed under Natural England dormouse license being supervised and logpiles created for additional habitat. Trakway for access road.	Timings shown in summary, unless otherwise agreed with Natural England .	European Protected Species Licence (Legal requirement)	N/A
Proposed Pylon	PC25	PC25	Scaffolding over Sarre Penn, scaffold access, PRow closure, construction bellmouths, construction working areas, vegetation along Sarre Penn may be affected, marshy grassland removal, trees and hedgerows which will be removed along Sarre Penn.	In situ replacement planting, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works. Replanting and enhancement along Sarre Penn.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC25	PC25 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC25	All access road from PC25 works area to Sand Pit Hill Road should be Trakway.	Damage Chislet Marshes LWS grassland habitats	Trakway Road	Biodiversity	Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Trakway panels or similar instead of stone road to avoid damaging sensitive LWS grassland : area reseeded with species rich grassland after works.	Construction	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC25	Part of the PC25 working area & access roads	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain.	Construction	CEMP (DCO Requirement)	5
Proposed Pylon	PC26	PC26	Construction haul road, maintenance access, construction lay down areas, minor vegetation loss along Sarre Penn	In situ replacement planting, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works. Replanting and enhancement along Sarre Penn.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

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Proposed Pylon	PC26	PC26 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC26	All access road from PC26 works area to Sand Pit Hill Road should be Trakway.	Damage Chislet Marshes LWS grassland habitats	Trakway Road	Biodiversity	Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Trakway panels or similar instead of stone road to avoid damaging sensitive LWS grassland: area reseeded with species rich grassland after works.	Construction	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC26	Part of the PC26 working area & access roads	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain.	Construction	CEMP (DCO Requirement)	5
Proposed Pylon	PC27	PC27	Scaffolding over Sandpit Hill, construction haul road maintenance access, construction bellmouths, construction working areas. Trees and hedgerows affected along Sandpit Hill.	In situ trees and hedgerow replacement along Sandpit Hill, gapping up, planting of hedgerow trees providing opportunities to link existing hedgerow and restoring boundaries along fields. Management of existing trees.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC27	PC27 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC27	All access road	Damage Chislet Marshes LWS grassland habitats;	Trakway Road and ecological supervision.	Biodiversity	Local and National Planning Policy (EN-1, NPPF and county/district council policies),	Trakway panels or similar instead of stone road to avoid damaging sensitive LWS grassland from Sand Pit Hill Road to P27 and just past PC27 until Arable habitats reached north of ditch : area reseeded with species rich grassland after works.	Construction	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC27	Part of the PC27 working area & access roads	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain.	Construction	CEMP (DCO Requirement)	5

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Proposed Pylon	PC28	PC28	Construction haul road maintenance access, construction working areas. Trees and hedgerows to be removed along Sarre Penn, marsh grassland to be removed.	In situ replacement planting along Sarre Penn, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC28	PC28 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Bellmouth	BM23	Earth bunds adjacent to BM23	Large gaps created by bellmouths in hedgerows/ treelines sever bat commuting habitat through the landscape	Seeding bunds with grass mix and planting saplings adjacent to bellmouth earth bunds.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Habitat connectivity: Earth bunds created next to the access tracks at bellmouths will be seeded with species rich grassland and/ or planted with saplings where visibility allows or saplings will be planted alongside temporary fencing up to the access track gateway for the duration of the bellmouth to allow for continued habitat connection. Hedges replaced after works.	As soon as is reasonably practicable after bellmouth creation	Biodiversity Mitigation Strategy (DCO Requirement)	5
Bellmouth	BM23	BM23	Construction access affects hedgerow H98, with a short section requiring management (trimming to ground level) and tree T255	Ground protection to root protection area. Hedgerow allowed to re-grow on removal of the temporary access road.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM24	Earth bunds adjacent to BM24	Large gaps created by bellmouths in hedgerows/ treelines sever bat commuting habitat through the landscape	Seeding bunds with grass mix and planting saplings adjacent to bellmouth earth bunds.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Habitat connectivity: Earth bunds created next to the access tracks at bellmouths will be seeded with species rich grassland and/ or planted with saplings where visibility allows or saplings will be planted alongside temporary fencing up to the access track gateway for the duration of the bellmouth to allow for continued habitat connection. Hedges replaced after works.	As soon as is reasonably practicable after bellmouth creation	Biodiversity Mitigation Strategy (DCO Requirement)	5

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Bellmouth	BM24	BM24	Construction access affects hedgerow H102 with a short section requiring management (trimming to ground level). Also affects Tree T255	Formative pruning and ground protection to root protection area. Hedgerow allowed to re-grow on removal of the temporary access road.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous tress to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM24	Part of the working area & access roads (BM24)	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain. The mitigation is not at the bellmouth itself, it is to be implemented along part of the associated access road.	Construction	CEMP (DCO Requirement)	5
Bellmouth	BM25	BM25	Construction access affects hedgerow H127 with a short section requiring management (trimming to ground level).	Hedgerow allowed to re-grow on removal of the temporary access road	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous tress to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM26	BM26	Construction access affects hedgerow H130 with a short section requiring management (trimming to ground level).	Hedgerow allowed to re-grow on removal of the temporary access road	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous tress to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

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Bellmouth	BM27	BM27	Construction access affects hedgerow H138 with a short section requiring management (trimming to ground level).	Hedgerow allowed to re-grow on removal of the temporary access road	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity Environmental Measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM28	BM28	Construction access affects drainage channel and ditchside vegetation	Temporary bridging structure removed and vegetation allowed to re-establish	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM28	Part of the working area & access roads (BM28)	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain. The mitigation is not at the bellmouth itself, it is to be implemented along part of the associated access road.	Construction	CEMP (DCO Requirement)	5
Bellmouth	BM29	BM29	Construction access affects drainage channel and ditchside vegetation	Temporary bridging structure removed and vegetation allowed to re-establish	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM29	Part of the working area & access roads (BM29)	Increase in flood risk to third party receptors	At specific locations, in the vicinity of identified receptors, no raised structures, such as raised access roads, working areas and associated topsoil stockpiles, will be located within the floodplain.	Water Environment	To prevent an increase in flood risk as a result of loss of floodplain volume and/or floodplain flow conveyance in the vicinity of third party receptors identified to be at risk	Access roads and working area will be 'at grade' and any associated stockpiles will be located outside of the floodplain. The mitigation is not at the bellmouth itself, it is to be implemented along part of the associated access road.	Construction	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Culvert	PX31-CR01	Area of ditch and vegetation disturbed for access and culvert instalation	Kill, injure and disturb dormouse	Conduct works under ECoW and Natural England EPS dormouse licence.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies) , NERC.	Vegetation removal for access and culvert installation crosses a ditch is dormouse habitat. Vegetation removal would be conducted under ECoW and dormouse license and include dead-hedging to bridge the gap created for access overnight followed by insitu replating	Vegetation removal in either May or October prior to culvert installation, unless otherwise agreed with Natural England	European Protected Species Licence (Legal requirement)	N/A
Scaffolding (demolition)	SD27.1.2	All works, access, scaffolding etc	kill, injure and disturb Great crested newt	Sensitive timing and method of works for scaffolding and access track	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Supervise vegetation strimming and trakway panel installation and removal for PX28 scaffolding and access . Conduct vegetation removal supervised by ecologist and removed using manual brushcutters and trimmers (must be completed Mid feb - October inclusive)	Timings in summary	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (demolition)	SD27.2.1	All works, access, scaffolding etc	kill, injure and disturb Great crested newt	sensitive timing and method of works for scaffolding and access track	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Supervise vegetation strimming and trakway panel installation and removal for PX28 scaffolding and access . Conduct vegetation removal supervised by ecologist and removed using manual brushcutters and trimmers (must be completed Mid feb - October inclusive)	Timings in summary	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (demolition)	SD27.2.2	All works, access, scaffolding etc	kill, injure and disturb Great crested newt	sensitive timing and method of works for scaffolding and access track	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Supervise vegetation strimming and trakway panel installation and removal for PX28 scaffolding and access . Conduct vegetation removal supervised by ecologist and removed using manual brushcutters and trimmers (must be completed Mid feb - October inclusive)	Timings in summary	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX021	In situ	Negligible effect	reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX022	In situ	Negligible effect	reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX023	In situ	Negligible effect	reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX023	PX023	Human health risks to construction workers and adjacent site users due to potential presence of Made Ground (former landfill). Possible gas risk to contrusction workers and buildings on ajdacent land.	Occupational health and safety and environmental management controls to protect site workers and adjacent land users from contamination.	Geology, Soils & Agriculture	EN-1 5.10.8 & NPPF paragraph 109.	Measures as outlined under Generic measures GSA-E and GSA-F	Construction	CEMP (DCO Requirement)	5
Pylon removal	PX024	In situ	Negligible effect	reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon removal	PX025	In situ	Affects RPA of woodland	Protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the Arboricultural Impact Assessment (AIA)	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX026	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX027	In situ	Negligible effect	reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX028	In situ	Kill, injure and disturb Great crested newt	Sensitive timing and method of works for scaffolding and access track	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Trakway to be used for access not stone road. Supervised vegetation strimming and trakway panel installation and removal for PX28 scaffolding and access. Conduct vegetation removal supervised by ecologist and removed using manual brushcutters and trimmers during Mid feb - October inclusive)	Timings in summary	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX028	In situ	Affects management of short section of hedgerow H133	Hedgerow cut to base and allowed to re-establish on completion	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX029	In situ	Affects management of tree T312	Formative pruning and protection of RPA	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX030	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon removal	PX031	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous tress to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX031	All areas requiring tree/scrub removal	Kill, injure, disturb, dormouse	Remove vegetation under ecological supervision and dormouse license	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies) , NERC.	Dormouse potential within vegetation to be removed where access crosses between PX31 and PX32 therefore remove under supervision. This may be in two stages, with reduction in height over winter (Nov-Feb), then to ground level in May. If roots required grubbing out then this would need be done in May, and as required, under Natural England licence.	Timings shown in summary, All to be completed before any ground works. If just a vegetation reduction in height then over winter (Nov-Feb inclusive). If roots require grubbing out, a one stage vegetation removal, completed in May or September would be considered but may be subject to licensing. Otherwise timings shown in summary, unless otherwise agreed with ECoW and Natual England if required.	European Protected Species Licence (Legal requirement) and Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX032	In situ	Affects RPA of tree group G221	Protection of RPA	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous tress to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX033	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX034	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon removal	PX035	In situ	Affects tree group G237	protection of RPA	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX036	In situ	Affects tree T401	Protection of RPA	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX037	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX038	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Route Section C										
Proposed Pylon	PC29	PC29	Construction haul road and maintenance access. Construction working areas. Trees and hedgerows to be removed along Sarre Penn, marsh grassland to be removed.	In situ replacement planting along Sarre Penn, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC29	PC29 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC30	PC30	Scaffolding over Sarre Penn, scaffold access, construction haul road and maintenance access	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC30	PC30 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC31	PC31	Construction haul road and maintenance access, construction working areas, scaffolding over drain.	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC31	PC31 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC32	PC32	Construction and demolition haul road, construction working areas,	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC32	PC32 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC33	PC33	Construction and demolition haul road, construction working areas,	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC33	PC33 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC34	PC34	Vegetation loss along Dyke, construction working areas, vegetation affected along drains	In situ replanting along Dyke, vegetation to be managed along drains. Topsoil will be conserved where possible. Soils and wetland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Oversails T429, T432, T430, G279 Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC34	PC34 working areas and access	Loss of hedgerow to A28 Island Road. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC35	PC35	Construction and demolition haul road, construction working areas, Scaffolding over Sarre Wall, Vegetation affected along drains, scaffolding access	Topsoil will be conserved where possible. Soils and wetland habitats will be reinstated on conclusion of works along drains and haul roads. In situ replanting. Management of existing trees.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Oversails G286 Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC35	PC35 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC36	PC36	Construction haul road and maintenance access, construction working areas, scaffolding over drain. Trees and hedgerows affected	In situ replacement tree/hedgerow planting, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC36	PC36 working areas and access	Loss of hedgerow to railway line. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC37	PC37	Construction working areas, construction haul road and maintenance access, vegetation affected long drain	In situ replacement tree/hedgerow planting. Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity Environmental Measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC37	PC37 working areas and access	Loss of hedgerow to E of tower. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC38	PC38	Maintenance access along drain, construction working areas, construction haul road	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC38	PC38 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC39	PC39	Vegetation loss along drains, construction haul road, maintenance access, construction working areas.	In situ replacement planting and enhancement along drains, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works. Management of existing trees.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC39	PC39 working areas and access	Loss of hedgerow to E of tower. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC39	Treeline east of PC39	Severance of connectivity for commuting and foraging bats	Ensure the retention of a vegetated boundary during tree removal works.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	A boundary identified as important for connectivity east of PC39 will have understory retained, and gaps filled with dead hedging over night during works and gap planted with saplings directly after works.	Retention of boundary during works and gap planting directly after works as soon as is reasonably practicable.	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC40	PC40	Vegetation loss along drains, construction haul road, maintenance access, construction working areas.	In situ replacement planting, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC40	PC40 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC41	PC41	Bellmouth construction at road, scaffolding over road and Prow/Drain, PRoW diversion, construction working areas,	In situ replacement planting, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works. PRoW maintenance.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

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Proposed Pylon	PC41	PC41 working areas and access	Loss of hedgerow to W of tower. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC42	PC42	Construction and demolition haul road, construction working areas, maintenance access along drain, construction working areas. Minor vegetation affected along side drain.	In situ replacement planting, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC42	PC42 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC43	PC43	Construction and demolition haul road, construction working areas, maintenance access along drain, construction working areas.	In situ replacement planting, Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC43	PC43 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Bellmouth	BM30	Earth bunds adjacent to BM30	Large gaps created by bellmouths in hedgerows/ treelines sever bat commuting habitat through the landscape	Seeding bunds with grass mix and planting saplings adjacent to bellmouth earth bunds.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Habitat connectivity: Earth bunds created next to the access tracks at bellmouths will be seeded with species rich grassland and/ or planted with saplings where visibility allows or saplings will be planted alongside temporary fencing up to the access track gateway for the duration of the bellmouth to allow for continued habitat connection. Hedges replaced after works.	As soon as is reasonably practicable after bellmouth creation	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Bellmouth	BM30	BM30	Construction access affects management of tree groups G261 and G263.	Formative pruning and ground protection to root protection area.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM31	Earth bunds adjacent to BM31	Large gaps created by bellmouths in hedgerows/ treelines sever bat commuting habitat through the landscape	Seeding bunds with grass mix and planting saplings adjacent to bellmouth earth bunds.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Habitat connectivity: Earth bunds created next to the access tracks at bellmouths will be seeded with species rich grassland and/ or planted with saplings where visibility allows or saplings will be planted alongside temporary fencing up to the access track gateway for the duration of the bellmouth to allow for continued habitat connection. Hedges replaced after works.	As soon as is reasonably practicable after bellmouth creation	Biodiversity Mitigation Strategy (DCO Requirement)	5
Bellmouth	BM31	BM31	Construction access affects management of tree group G277 and G278	Formative pruning and ground protection to root protection area.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM32	Earth bunds adjacent to BM32	Large gaps created by bellmouths in hedgerows/ treelines sever bat commuting habitat through the landscape	Seeding bunds with grass mix and planting saplings adjacent to bellmouth earth bunds.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Habitat connectivity: Earth bunds created next to the access tracks at bellmouths will be seeded with species rich grassland and/ or planted with saplings where visibility allows or saplings will be planted alongside temporary fencing up to the access track gateway for the duration of the bellmouth to allow for continued habitat connection. Hedges replaced after works.	As soon as is reasonably practicable after bellmouth creation	Biodiversity Mitigation Strategy (DCO Requirement)	5
Bellmouth	BM32	BM32	Construction access affects management of tree group G279 and T445	Formative pruning and ground protection to root protection area.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Bellmouth	BM34	Earth bunds adjacent to BM34	Large gaps created by bellmouths in hedgerows/ treelines sever bat commuting habitat through the landscape	Seeding bunds with grass mix and planting saplings adjacent to bellmouth earth bunds.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Habitat connectivity: Earth bunds created next to the access tracks at bellmouths will be seeded with species rich grassland and/ or planted with saplings where visibility allows or saplings will be planted alongside temporary fencing up to the access track gateway for the duration of the bellmouth to allow for continued habitat connection. Hedges replaced after works.	As soon as is reasonably practicable after bellmouth creation	Biodiversity Mitigation Strategy (DCO Requirement)	5
Bellmouth	BM34	BM34	Construction access affects hedgerow H169 with a short section requiring management (trimming to ground level).	Hedgerow allowed to re-grow on removal of the temporary access road	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM35	Earth bunds adjacent to BM35	Large gaps created by bellmouths in hedgerows/ treelines sever bat commuting habitat through the landscape	Seeding bunds with grass mix and planting saplings adjacent to bellmouth earth bunds.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Habitat connectivity: Earth bunds created next to the access tracks at bellmouths will be seeded with species rich grassland and/ or planted with saplings where visibility allows or saplings will be planted alongside temporary fencing up to the access track gateway for the duration of the bellmouth to allow for continued habitat connection. Hedges replaced after works.	As soon as is reasonably practicable after bellmouth creation	Biodiversity Mitigation Strategy (DCO Requirement)	5
Bellmouth	BM35	BM35	Construction access affects hedgerow H168 with a short section requiring management (trimming to ground level).	Hedgerow allowed to re-grow on removal of the temporary access road	Landscape & Visual	Hedgerow regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bellmouth	BM36	Earth bunds adjacent to BM36	Large gaps created by bellmouths in hedgerows/ treelines sever bat commuting habitat through the landscape	Seeding bunds with grass mix and planting saplings adjacent to bellmouth earth bunds.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Habitat connectivity: Earth bunds created next to the access tracks at bellmouths will be seeded with species rich grassland and/ or planted with saplings where visibility allows or saplings will be planted alongside temporary fencing up to the access track gateway for the duration of the bellmouth to allow for continued habitat connection. Hedges replaced after works.	As soon as is reasonably practicable after bellmouth creation	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Bellmouth	BM37	Earth bunds adjacent to BM37	Large gaps created by bellmouths in hedgerows/ treelines sever bat commuting habitat through the landscape	Seeding bunds with grass mix and planting saplings adjacent to bellmouth earth bunds.	Biodiversity	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies), NERC.	Habitat connectivity: Earth bunds created next to the access tracks at bellmouths will be seeded with species rich grassland and/ or planted with saplings where visibility allows or saplings will be planted alongside temporary fencing up to the access track gateway for the duration of the bellmouth to allow for continued habitat connection. Hedges replaced after works.	As soon as is reasonably practicable after bellmouth creation	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (diversion)	SDV45.1.1	In situ	Negligible effect	Hedgerow and tree maintenance	Landscape & Visual	NA	Scaffolding erected to provide sufficient space for safe working practices but not extend beyond the minimum limit. Hedgerow and trees to be regularly maintained. Where any pruning works are required the extent of this shall be assessed as early in the construction process as possible and any works shall be carried out by qualified operatives in accordance with BS3998.	During diversion works	CEMP (DCO Requirement)	5
Scaffolding (diversion)	SDV45.1.2	In situ	Negligible effect	Hedgerow and tree maintenance	Landscape & Visual	NA	Scaffolding erected to provide sufficient space for safe working practices but not extend beyond the minimum limit. Hedgerow and trees to be regularly maintained. Where any pruning works are required the extent of this shall be assessed as early in the construction process as possible and any works shall be carried out by qualified operatives in accordance with BS3998.	During diversion works	CEMP (DCO Requirement)	5
Scaffolding (diversion)	SDV45.1.3	In situ	Negligible effect	Hedgerow and tree maintenance	Landscape & Visual	NA	Scaffolding erected to provide sufficient space for safe working practices but not extend beyond the minimum limit. Hedgerow and trees to be regularly maintained. Where any pruning works are required the extent of this shall be assessed as early in the construction process as possible and any works shall be carried out by qualified operatives in accordance with BS3998.	During diversion works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX45TA1	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX45TA2	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX45TA3	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX45TA4	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon diversion (PX)	PX45TB1	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX45TB2	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX45TB3	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX45TB4	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TA1	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TA2	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TA3	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TA4	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PY)	PY21R	PY21R working area and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Pylon diversion (PY)	PY20TB2	PY20TB2 working area and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Pylon diversion (PY)	PY20TB1	PY20TB1 working area and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Pylon removal	PX039	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX040	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon removal	PX041	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX042	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX043	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX044	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX045	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX046	In situ	Affects RPA of tree group G277 and G278	Protection of RPA	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX048	In situ	Removal of trees within tree group G299	Protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX049	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX050	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX051	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX052	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX053	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon removal	PX054	In situ	Affects trees within tree group G330 and RPA of tree group G335 and G326	Protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX055	In situ	Affects trees within tree group G341 and G339	Protection of RPA and replacement tree planting in-situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX056	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX057	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Route Section D										
Proposed Pylon	PC44	PC44	Construction working areas, construction and demolition haul roads, maintenance access, scaffold access, scaffolding over drain in two locations, vegetation removal associated with drain in two locations.	In situ replacement wetland vegetation to drain. Topsoil will be conserved where possible. Soils and wetland grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC44	PC44 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC45	PC45	Construction and demolition haul roads, construction working areas, maintenance access.	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC45	PC45 working areas and access	Loss of hedgerow to W of tower. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC46	PC46	Construction and demolition haul roads, construction working areas over drains.	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC46	PC46 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC47	PC47	Construction and demolition haul roads, construction working areas over drains, maintenance access, scaffolding access, scaffolding over drains in two locations, vegetation affected across drains.	In situ replacement wetland vegetation to drain. Topsoil will be conserved where possible. Soils and wetland grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC47	PC47 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC48	PC48	Construction and demolition haul roads, construction working areas, maintenance access.	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC48	PC48 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC49	PC49	Scaffolding over drains, construction working areas, construction and decommissioning access, maintenance access, vegetation may be affected	In situ replacement wetland vegetation to drain. Topsoil will be conserved where possible. Soils and wetland grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC49	PC49 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC50	PC50	Construction and demolition haul roads, construction working areas, maintenance access. Vegetation that may be affected by drain and sluice	In situ replacement wetland vegetation to drain. Topsoil will be conserved where possible. Soils and wetland grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC50	PC50 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC51	PC51	Construction and demolition haul roads, construction working areas, maintenance access.	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC51	PC51 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC52	PC52	Construction and demolition haul roads, construction working areas, maintenance access. PRoW closure.	PRoW to be managed. In situ replacement wetland vegetation to drain. Reinstatement of River Sarre banks. Topsoil will be conserved where possible. Soils and wetland grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC52	PC52 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC52	All works, access, scaffolding etc for waders (PC52)	Disturbance to wintering waders. Damage to LWS habitats.	Avoidance or sensitive works methods. Reseeding with appropriate species rich grassland mix.	Biodiversity	Avoid disturbance to SPA qualifying species (Habs regulations) and NERC. Local and National Planning Policy (EN-1, NPPF and county/district council policies)	Avoid significant disturbance (piling and foundations) to wintering birds during key period November – February. If not possible incorporate measures shown in Generic measure B-D . Reseed any grassland areas damaged/disturbed with species rich grassland mix appropriate for these LWS habitats.	Timings in summary for avoidance otherwise mitigation during construction works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC53	PC53	Construction and demolition haul roads, construction working areas, maintenance access. PRoW closure.	PRoW to be managed. Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC53	PC53 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC53	All works, access, scaffolding etc (PC53)	Disturbance to wintering waders and UKBAP invertebrates. Damage to LWS habitats.	Avoidance or sensitive works methods. Reseeding with appropriate species rich grassland mix.	Biodiversity	SPA qualifying species (Habs regulations) and NERC. Local and National Planning Policy (EN-1, NPPF and county/district council policies).	Avoid significant disturbance (piling and foundations) to wintering birds during key period November – February. If not possible incorporate measures shown in Generic measure B-D . Supervised vegetation removal for notable invertebrates at bridging location. Reseed any grassland areas damaged/disturbed with species rich grassland mix appropriate for these LWS habitats	Timings in summary for avoidance otherwise mitigation during construction works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC54	PC54	Construction and demolition haul roads, construction working areas, maintenance access.	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC54	PC54 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC54	All works, access, scaffolding etc (PC54)	Disturbance to wintering waders. Damage to LWS habitats.	Avoidance or sensitive works methods. Reseeding with appropriate species rich grassland mix.	Biodiversity	SPA qualifying species (Habs regulations) and NERC. Local and National Planning Policy (EN-1, NPPF and county/district council policies).	Avoid significant disturbance (piling and foundations) to wintering birds during key period November – February. If not possible incorporate measures shown in Generic measure B-D . Reseed any grassland areas damaged/disturbed with species rich grassland mix appropriate for these LWS habitats.	Timings in summary for avoidance otherwise mitigation during construction works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC55	PC55	Construction and demolition haul roads, construction working areas over ponds, maintenance access, scaffolding access, scaffolding over drains.	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works. Ponds reinstated.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC55	PC55 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC55	All works, access, scaffolding etc (PC55)	Disturbance to wintering waders . Damage to LWS habitats.	Avoidance or sensitive works methods. Reseeding with appropriate species rich grassland mix.	Biodiversity	SPA qualifying species (Habs regulations) and NERC. Local and National Planning Policy (EN-1, NPPF and county/district council policies).	Avoid significant disturbance (piling and foundations) to wintering birds during key period November – February. If not possible incorporate measures shown in Generic measure B-D . Reseed any grassland areas damaged/disturbed with species rich grassland mix appropriate for these LWS habitats	Timings in summary for avoidance otherwise mitigation during construction works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC56	PC56	Construction and demolition haul roads, construction working areas, maintenance access.	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous tress to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC56	PC56 working areas and access	Loss of hedgerow midspan PC56-57. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC56	All works, access, scaffolding etc (PC56)	Disturbance to wintering waders. Damage to LWS habitats.	Avoidance or sensitive works methods. Reseeding with appropriate species rich grassland mix.	Biodiversity	SPA qualifying species (Habs regulations) and NERC. Local and National Planning Policy (EN-1, NPPF and county/district council policies).	Avoid significant disturbance (piling and foundations) to wintering birds during key period November – February. If not possible incorporate measures shown in Generic measure B-D . Reseed any grassland areas damaged/disturbed with species rich grassland mix appropriate for these LWS habitats.	Timings in summary for avoidance otherwise mitigation during construction works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC57	PC57	Construction and demolition haul roads, construction working areas, maintenance access. Scaffolding over drain.	Topsoil will be conserved where possible. Soils and marshy grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous tress to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC57	PC57 working areas and access	Loss of hedgerow to railway. Disturbance of archaeological features	Reinstate hedgerow. Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	Hedgerow Regulations 1997. NPS EN-1 5.8.20	Recording of archaeological features as required. Hedgerow reinstatement.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC57	All works, access, scaffolding etc (PC57)	Disturbance to wintering waders. Damage to LWS habitats.	Avoidance or sensitive works methods. Reseeding with appropriate species rich grassland mix.	Biodiversity	SPA qualifying species (Habs regulations) and NERC. Local and National Planning Policy (EN-1, NPPF and county/district council policies).	Avoid significant disturbance (piling and foundations) to wintering birds during key period November – February. If not possible incorporate measures shown in Generic measure B-D . Reseed any grassland areas damaged/disturbed with species rich grassland mix appropriate for these LWS habitats.	Timings in summary for avoidance otherwise mitigation during construction works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC58	PC58	Construction and demolition haul roads, construction working areas, maintenance access. Scaffolding over drain. Marshy grassland removal.	In situ replacement wetland vegetation to drain. Topsoil will be conserved where possible. Soils and marshy grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC58	PC58 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC58	All works, access, scaffolding etc (PC58)	Disturbance to wintering waders. Damage to LWS habitats.	Avoidance or sensitive works methods. Reseeding with appropriate species rich grassland mix.	Biodiversity	SPA qualifying species (Habs Regulations) and NERC. Local and National Planning Policy (EN-1, NPPF and county/district council policies).	Avoid significant disturbance (piling and foundations) to wintering birds during key period November – February. If not possible incorporate measures shown in Generic measure B-D . Reseed any grassland areas damaged/disturbed with species rich grassland mix appropriate for these LWS habitats.	Timings in summary for avoidance otherwise mitigation during construction works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Proposed Pylon	PC59	PC59	Construction and demolition haul roads, construction working areas, maintenance access. Scaffolding over drain. Marshy grassland removal.	In situ replacement wetland vegetation to drain. Topsoil will be conserved where possible. Soils and marshy grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC59	PC59 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC59	All works, access, scaffolding etc (PC59)	Disturbance to wintering waders. Damage to LWS habitats.	Avoidance or sensitive works methods. Reseeding with appropriate species rich grassland mix.	Biodiversity	SPA qualifying species (Habs regulations) and NERC. Local and National Planning Policy (EN-1, NPPF and county/district council policies).	Avoid significant disturbance (piling and foundations) to wintering birds during key period November – February. If not possible incorporate measures shown in Generic measure B-D . Reseed any grassland areas damaged/disturbed with species rich grassland mix appropriate for these LWS habitats.	Timings in summary for avoidance otherwise mitigation during construction works	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Proposed Pylon	PC60	PC60	Scaffolding in two locations and subsequent vegetation to be affected, Construction and demolition haul roads, construction working areas, maintenance access. Marshy grassland removal.	In situ replacement wetland vegetation to drain. Topsoil will be conserved where possible. Soils and marshy grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Oversails Blackthorn. Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC60	PC60 working areas and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Proposed Pylon	PC61	PC61	Construction and demolition haul roads, construction working areas, maintenance access.	Topsoil will be conserved where possible. Soils and marshy grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Proposed Pylon	PC62	PC62	Construction and demolition haul roads, construction working areas, maintenance access.	Topsoil will be conserved where possible. Soils and marshy grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	Topsoil will be conserved where possible. Soils and habitats will be reinstated on conclusion of works.	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Culvert	PC44-CR01	All in channel vegetation due to be disturbed from culvert works and 5m buffer	Kill, injure and disturb water voles and their burrows. Spread of Invasive species (Water fern)	Sensitive vegetation removal to displace water vole from works area. Management of Water fern	Biodiversity	To avoid contravening the Wildlife and Countryside Act. NERC. Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC42 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to any in channel works	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Culvert	PC44-CR02	All in channel vegetation due to be disturbed from culvert works and 5m buffer	Kill, injure and disturb water voles and their burrows. Spread of Invasive species (Water fern)	Sensitive vegetation removal to displace water vole from works area. Management of Water fern	Biodiversity	To avoid contravening the Wildlife and Countryside Act. NERC. Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC42 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to any in channel works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Culvert	PC44-CR05	All in channel vegetation due to be disturbed from culvert works and 5m buffer	Spread of Invasive species (water fern)	Water fern management	Biodiversity	Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC42 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to any in channel works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Culvert	PC46-CR01	All in channel vegetation due to be disturbed from culvert works and 5m buffer	Kill, injure and disturb water voles and their burrows. Spread of Invasive species (Water fern)	Sensitive vegetation removal to displace water vole from works area. Management of Water fern	Biodiversity	To avoid contravening the Wildlife and Countryside Act. NERC. Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC42 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to any in channel works	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Culvert	PC46-CR02	All in channel vegetation due to be disturbed from culvert works and 5m buffer	Spread of Invasive species (water fern)	water fern management	Biodiversity	Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC44 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to any in channel works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Culvert	PC47-CR01	All in channel vegetation due to be disturbed from culvert works and 5m buffer	Kill, injure and disturb water voles and their burrows. Spread of Invasive species (Water fern)	Sensitive vegetation removal to displace water vole from works area. Management of Water fern	Biodiversity	To avoid contravening the Wildlife and Countryside Act. NERC. Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC42 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to any in channel works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Culvert	PC47-CR02	All in channel vegetation due to be disturbed from culvert works and 5m buffer	Kill, injure and disturb water voles and their burrows. Spread of Invasive species (Water fern)	Sensitive vegetation removal to displace water vole from works area. Management of Water fern	Biodiversity	To avoid contravening the Wildlife and Countryside Act. NERC. Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC42 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to works starting	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Culvert	PC48-CR01	All in channel vegetation due to be disturbed from culvert works and 5m buffer	Kill, injure and disturb water voles and their burrows. Spread of Invasive species (Water fern)	Sensitive vegetation removal to displace water vole from works area. Management of Water fern	Biodiversity	To avoid contravening the Wildlife and Countryside Act. NERC. Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC42 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to any in channel works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Culvert	PC48-CR02	All in channel vegetation due to be disturbed from culvert works and 5m buffer	Kill, injure and disturb water voles and their burrows. Spread of Invasive species (Water fern)	Sensitive vegetation removal to displace water vole from works area. Management of Water fern	Biodiversity	To avoid contravening the Wildlife and Countryside Act. NERC. Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC42 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to any in channel works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Culvert	PC49-CR01	All in channel vegetation due to be disturbed from culvert works and 5m buffer	Kill, injure and disturb water voles and their burrows. Spread of Invasive species (Water fern)	Sensitive vegetation removal to displace water vole from works area. Management of Water fern	Biodiversity	To avoid contravening the Wildlife and Countryside Act. NERC. Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC42 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to any in channel works	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Culvert	PC49-CR02	All in channel vegetation due to be disturbed from culvert PC49-CR02 works and 5m buffer	Spread of Invasive species (water fern)	Water fern management	Biodiversity	Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC42 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to any in channel works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Culvert	PC50-CR01	All in channel vegetation due to be disturbed from culvert PC50-CR01 works and 5m buffer	Kill, injure and disturb water voles and their burrows. Spread of Invasive species (Water fern)	Sensitive vegetation removal to displace water vole from works area. Management of Water fern	Biodiversity	To avoid contravening the Wildlife and Countryside Act. NERC. Schedule 9 invasive plant, avoid contravening the WCA/Control of Weeds Act	A scattered distribution of aquatic water fern is present between PC42 and PC50 this should not be spread and should be treated before all in-ditch works. Any removed plant material: store plant material on same site in situ (so as not to spread rhizomes or seed) and works areas to be covered in geotextile. Site housekeeping to ensure that spread off site via men or machinery is required. If plants or soils are removed from site then an appropriately licenced contractor and a waste licence will be needed. Best Practice guidance: https://www.gov.uk/prevent-the-spread-of-harmful-invasive-and-non-native-plants	Prior to any in channel works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Culvert	PC51-CR01	River Great Stour Crossings (culvert PC51-CR01)	Changes to flow conveyance as a result of new or modified watercourse crossings, leading to increased flood risk to people, property and infrastructure.	Bridge soffits designed to accommodate climate change flood height	Water Environment	Ensure flood risk is not increased.	Bridge soffit level for the Stour crossings will be set at least 600mm above the predicted 0.5% AEP plus climate change flood height.	Construction/demolition	CEMP (DCO Requirement)	5
Culvert	PC52-CR02	All in channel vegetation due to be disturbed from culvert PC52-CR02 works and 5m buffer	Kill population of rare UKBAP invertebrates	Avoid culverting with bridge where possible, search and relocate invertebrates to alternative section of ditch	Biodiversity	Invertebrates listed a priority UKBAP species under NERC	Bridge the ditch to avoid in channel works which may pollute water course, if unavoidable then conduct culvert works undersupervision and relocate invertebrates via netting to alternative ditch section retained in the O/L (shown on Polygon PDF map)	Prior to construction	Biodiversity Mitigation Strategy (DCO Requirement)	5
Culvert	PC60-CR01	River Great Stour Crossings (culvert PC60-CR01)	Changes to flow conveyance as a result of new or modified watercourse crossings, leading to increased flood risk to people, property and infrastructure.	Bridge soffits designed to accommodate climate change flood height	Water Environment	Ensure flood risk is not increased.	Bridge soffit level for the Stour crossings will be set at least 600mm above the predicted 0.5% AEP plus climate change flood height.	Construction/demolition	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Site compound - Richborough	SC-R	In situ	compound affects trees T637, T639, T640, T642	T642 and T640 will be removed and will be replaced in-situ on completion. RPA of T637 and T639 require protection and ground re-instated on completion.	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Site compound - Richborough	SC-R	At access track to Richborough compound	Human health risks to construction workers and adjacent site users due to potential exposure of landfill waste. Disturbance of the ground gas regime at authorised and historical landfill sites.	Occupational health and safety and environmental management controls to protect site workers and adjacent land users from contamination and ground gas. Engineering design to account for potential adverse ground conditions.	Geology, Soils & Agriculture	EN-1 5.10.8 & NPPF paragraph 109.	Measures as outlined under Generic measures GSA-E and GSA-F . Works to avoid breaching any pre-existing landfill cap.	Construction	CEMP (DCO Requirement)	5
Bridge construction areas	PC51-N	In situ (PC51-N)	eastern end of tree group G409 affected and T581 will be removed	Replacement tree planting in situ	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Bridge construction areas	PC60-S	In situ (PC60-S)	RPA of G441 affected and G444 removed	G444 - replacement planting in-situ on completion; G441 require protection to RPA and re-instatement of ground conditions on completion	Landscape & Visual	Hedgerow Regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Scaffolding (construction)	S51.1.1	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods measures shown in Generic measures B-D	Biodiversity	Wildlife and Countryside Act (WCA); SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	November - March	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S51.1.2	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Scaffolding (construction)	S51.2.1	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S51.2.2	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S55.1.1	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S55.1.2	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S57.1.1	All works, access, scaffolding etc	Disturbance to waders	Timing of works or conduct under ecology monitoring and avoidance or works or sensitive work methods to avoid disturbance	Biodiversity	Avoid disturbance to SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S57.1.2	All works, access, scaffolding etc	Disturbance to waders	Timing of works or conduct under ecology monitoring and avoidance or works or sensitive work methods to avoid disturbance	Biodiversity	Avoid disturbance to SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S59.1.1	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S59.1.2	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S60.1.1	All works, access, scaffolding etc	Disturbance to waders	Timing of works or conduct under ecology monitoring and avoidance or works or sensitive work methods to avoid disturbance	Biodiversity	Avoid disturbance to SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Scaffolding (construction)	S60.1.2	All works, access, scaffolding etc	Disturbance to waders	Timing of works or conduct under ecology monitoring and avoidance or works or sensitive work methods to avoid disturbance	Biodiversity	Avoid disturbance to SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon diversion (PX)	PX56TA5	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon diversion (PX)	PX56TA6	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TA7	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TB1	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TB2	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TB3	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TB4	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TB5	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TB6	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TB7	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PX)	PX56TB8	In situ	Disturbance/removal of topsoil	Topsoil will be conserved where possible. Soils and grassland habitats will be reinstated on conclusion of works.	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon diversion (PY)	PY20TA2	PY20TA2 working area and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Pylon diversion (PY)	PY20TA1	PY20TA1 working area and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon diversion (PY)	PY20R	PY20R working area and access	Disturbance of archaeological features	Watching brief or strip, map and record may be required following consultation with KCC Archaeologist	Historic Environment	NPS EN-1 5.8.20	Recording of archaeological features as required.	Construction	Outline WSI for archaeological remains (DCO Requirement)	5
Pylon removal	PX058	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX059	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX060	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX061	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX062	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX064	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX065	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX066	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX067	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX067	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX068	In situ	Tree T581 removed	Replacement tree planting in situ	Landscape & Visual	BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations. At the time of planting, trees and shrubs shall be pruned using generally accepted horticultural /arboricultural methods (Refer to BS 3998).	Guaranteed planting of replacement trees, tree groups and hedges 'in-situ' as part of reinstatement of land is detailed in the AIA	Tree works not to be undertaken during bird nesting season (refer to Biodiversity Environmental Measures). Planting of bare root stock should be planted straight away within the planting season November - March. Deciduous trees to be pruned in autumn and winter. Pollarding to be undertaken in late winter early spring.	CEMP (DCO Requirement)	5
Pylon removal	PX068	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance to wintering birds during key period November – February. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside December to February or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX069	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5

Work description	Work Ref. No.	Location	Potential Effect	Measure proposed	Topic	Purpose/Justification (link this to policy where possible)	Summary description of works	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Pylon removal	PX069	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX070	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX070	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX071	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as works complete	CEMP (DCO Requirement)	5
Pylon removal	PX071	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX072	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as works complete	CEMP (DCO Requirement)	5
Pylon removal	PX072	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX073	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX073	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX074	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX074	All works, access, scaffolding etc	Disturbance to wintering waders	Avoidance or sensitive works methods	Biodiversity	SPA qualifying species (Habs regulations) and NERC qualifying .	Avoid significant disturbance (piling and foundations) to wintering birds during November - March inclusive. If not possible incorporate measures shown in Generic measures B-D	Either complete works outside November to March or implement outlined mitigation during works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Pylon removal	PX075	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX076	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5
Pylon removal	PX077	In situ	Negligible effect	Reinstate ground vegetation on completion	Landscape & Visual	BS 3882:2007 Specification for topsoil and requirements for use	Reinstatement of ground conditions and vegetation	As soon as is practicable on completion of works	CEMP (DCO Requirement)	5

**Richborough Connection Project Embedded Environmental measures - Generic measures
Proposed 400kV overhead line construction**

The environmental measures outlined in the table below are provided as a summary of all environmental measures proposed. For further details the relevant management plan (see "Delivery Mechanism" column) should be consulted. The measures will be implemented as described below unless otherwise outlined in a management plan or agreed by the relevant Local Planning Authority and/or statutory consultee under the associated DCO Requirement.

Topic	Location	Measure Ref. No.	Potential Effect	Measure proposed	Purpose	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Air Quality	Throughout Order limits	AQ-A	Dust deposition leading to complaints from residents/landowners etc	Display the name and contact details of person(s) accountable for air quality and dust issues on the Order limits. This may be the environment manager/engineer or the site manager.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-B	Dust deposition leading to complaints from residents/landowners etc	Display the head or regional office contact information.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	n/a	AQ-C	Dust deposition leading to complaints from residents/landowners etc	Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	n/a	AQ-D	Dust deposition leading to complaints from residents/landowners etc	Make the complaints log available to the local authorities when asked.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	n/a	AQ-E	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Record any exceptional incidents that cause dust and/or air emissions, either on- or off-site, and the action taken to resolve the situation in the log book.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	n/a	AQ-F	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Hold regular liaison meetings with other high risk construction sites within 500m of the Order limits if applicable to ensure plans are co-ordinated and dust and particulate matter emissions are minimised. It is important to understand the interactions of the off-site transport/ deliveries which might be using the same strategic road network routes.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	n/a	AQ-G	Dust deposition leading to complaints from residents/landowners etc	Undertake daily on-site and off-site inspection, where receptors (including roads) are nearby, to monitor dust, record inspection results, and make the log available to the Local Authorities when asked. This should include regular dust soiling checks of surfaces such as street furniture, cars and window sills within 100m of Order limits, with cleaning to be provided if necessary.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	In and around the Order limits	AQ-H	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Carry out regular inspections throughout the Order limits to monitor compliance with the DMP, record inspection results, and make an inspection log available to the local authorities when asked.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	In and around the Order limits	AQ-I	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Increase the frequency of inspections by the person accountable for air quality and dust issues on site when activities with a high potential to produce dust are being carried out and during prolonged dry or windy conditions.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	In and around the Order limits	AQ-J	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Consider dust monitoring within Section A and agree monitoring locations with the Local Authorities.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	In and around the Order limits	AQ-K	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Plan works layout so that machinery and dust causing activities are located away from receptors, as far as is possible.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-L	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Erect solid screens or barriers around dusty activities or the Order limits so that are at least as high as any stockpiles.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5

Topic	Location	Measure Ref. No.	Potential Effect	Measure proposed	Purpose	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Air Quality	Throughout Order limits	AQ-M	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-N	Water quality effect as a result of excess water being used to damp down dust	Avoid site runoff of water or mud.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-O	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Keep works fencing, barriers and scaffolding clean using wet methods.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-P	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Remove materials that have a potential to produce dust from the Order limits as soon as possible, unless being re-used on site. If they are being re-used within the Order limits, cover as described below.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-Q	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Cover, seed or fence stockpiles to prevent wind whipping.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-R	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Ensure all vehicles switch off engines when stationary - no idling vehicles.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-S	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Avoid the use of diesel or petrol powered generators and use mains electricity or battery powered equipment where practicable.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-T	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Impose and signpost a maximum-speed-limit of 15mph on surfaced and 10mph on unsurfaced access routes and working areas (if long access routes are required, these speeds may be increased with suitable additional control measures provided, subject to the approval of the nominated undertaker and with the agreement of the Local Authorities, where appropriate).	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Order limits access routes	AQ-U	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Contractor to prepare Construction Traffic Management Plan, which includes measures to manage the sustainable delivery of goods and materials.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	n/a	AQ-V	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Implement a Travel Plan that supports and encourages sustainable travel (public transport, cycling, walking, and car-sharing).	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	n/a	AQ-W	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g. suitable local exhaust ventilation systems.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-X	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Ensure an adequate water supply on the site for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-Y	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Use enclosed chutes and conveyors and covered skips, should they be required.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-Z	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5

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Air Quality	Throughout Order limits	AQ-AA	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Ensure equipment is readily available within the Order limits to clean any dry spillages, and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-BB	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	No bonfires / burning of waste materials.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-CC	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Ensure effective water suppression is used during demolition operations where applicable. Hand held sprays are more effective than hoses attached to equipment as the water can be directed to where it is needed. In addition, high volume water suppression systems, manually controlled, can produce fine water droplets that effectively bring the dust particles to the ground.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-DD	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Avoid explosive blasting, using appropriate manual or mechanical alternatives.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-EE	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Bag and remove any biological debris or damp down such material before demolition.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-FF	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-GG	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Use Hessian, mulches or trackifiers where it is not possible to re-vegetate or cover with topsoil, as soon as practicable. Only remove the cover in small areas during work and not all at once.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-HH	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Avoid scabbling (roughening of concrete surfaces) if possible.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-II	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-JJ	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Ensure bulk cement and other fine powder materials are delivered in enclosed tankers and stored in silos with suitable emission control systems to prevent escape of material and overfilling during delivery.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-KK	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	For smaller supplies of fine powder materials ensure bags are sealed after use and stored appropriately to prevent dust.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-LL	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Use water-assisted dust sweeper(s) on the access routes and local roads, to remove, as necessary, any material tracked out of the Order limits. This may require the sweeper being continuously in use.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	On roads exiting the site	AQ-MM	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Avoid dry sweeping of large areas.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-NN	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Ensure vehicles entering and leaving sites are covered to prevent escape of materials during transport.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5

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Air Quality	Order limits access routes	AQ-OO	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Inspect on-site access routes for integrity and instigate necessary repairs to the surface as soon as reasonably practicable.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Order limits access routes	AQ-PP	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Record all inspections of access routes and any subsequent action in a site log book.	Best practice measure	Construction	CEMP (DCO Requirement)	5
Air Quality	Throughout Order limits	AQ-QQ	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Install hard surfaced access routes, which are regularly damped down with fixed or mobile sprinkler systems, or mobile water bowsers and regularly cleaned.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Order limits access routes	AQ-RR	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Implement a wheel washing system..	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Order limits access routes	AQ-SS	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Ensure there is an adequate area of hard surfaced road between the wheel washing area and the respective working areas exit, wherever size and layout permits.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Order limits access routes	AQ-TT	Fugitive dust emissions leading to health effects / effects on ecological sites and/or dust deposition leading to complaints from residents/landowners etc	Access route gates to be located at least 10m from receptors where possible.	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Air Quality	Order limits access routes	AQ-UU	Vehicle and trackout dust emissions leading to health effects / effects on ecological sites.	Construction vehicles should avoid travelling through Air Quality Management Areas (AQMA) where possible, namely , the Canterbury City Council AQMA (refer to Figure 12.1 in Volume 5, Document 5.4).	Best practice measure and statutory body requirement	Construction	CEMP (DCO Requirement)	5
Construction Noise	Throughout Order limits	N&V-A	Temporary Construction Noise Impacts	Select quieter plant and methods	Best Practicable Means (BPM) and Generic mitigation set out in CEMP	Construction	CEMP (DCO Requirement)	5 and 6
Construction Noise	Throughout Order limits	N&V-B	Temporary Construction Noise Impacts	Acoustic screening where required	Best Practicable Means (BPM) and Generic mitigation set out in CEMP	Construction	CEMP (DCO Requirement)	5 and 6
Construction Noise	Throughout Order limits	N&V-C	Temporary Construction Noise Impacts	Maintenance and servicing of plant to ensure it operates within expected noise emissions and does not create undue noise e.g from rattling of loose covers etc.	Best Practicable Means (BPM) and Generic mitigation set out in CEMP	Construction	CEMP (DCO Requirement)	5 and 6
Construction Noise	Throughout Order limits	N&V-D	Temporary Construction Noise Impacts	Where possible fit equipment with silencers	Best Practicable Means (BPM) and Generic mitigation set out in CEMP	Construction	CEMP (DCO Requirement)	5 and 6
Construction Noise	Throughout Order limits	N&V-E	Temporary Construction Noise Impacts	Switch plant off when not in use	Best Practicable Means (BPM) and Generic mitigation set out in CEMP	Construction	CEMP (DCO Requirement)	5 and 6
Construction Noise	Throughout Order limits	N&V-F	Temporary Construction Noise Impacts	Limit vehicle speeds	Best Practicable Means (BPM) and Generic mitigation set out in CEMP	Construction	CEMP (DCO Requirement)	5 and 6
Construction Noise	Throughout Order limits	N&V-G	Temporary Construction Noise Impacts	Do not leave vehicles idling when not in use	Best Practicable Means (BPM) and Generic mitigation set out in CEMP	Construction	CEMP (DCO Requirement)	5 and 6

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Construction Noise	Throughout Order limits	N&V-H	Temporary Construction Noise Impacts	Where appropriate fit vehicles with broadband reverse alarms	Best Practicable Means (BPM) and Generic mitigation set out in CEMP	Construction	CEMP (DCO Requirement)	5 and 6
Geology, Soils and Agriculture	Throughout Order limits	GSA-A	Degradation of soil resources, loss of soil through erosion	Following best practice as described in: Defra (2009) Construction Code of Practice for the Sustainable Use of Soils on Construction Sites. Identify and incorporate into works strategy: soil volumes and storage areas for topsoil and subsoil, machinery and methods to be used for soil handling, seasonal limitations (only dry soil to be handled) methods of reinstatement.	Defra (2011) Safeguarding our Soils: A Strategy for England, In Chapter 2, the strategy highlights the importance of the protection of soils, especially in agricultural landscapes and during development.	Construction and removal of structures	Soil Management Plan (SMP)/CEMP (DCO Requirement)	5 and 6
Geology, Soils and Agriculture	Throughout Order limits	GSA-B	Reduction in quality of agricultural land	Following best practice as described in: Defra (2009) Construction Code of Practice for the Sustainable Use of Soils on Construction Sites. Removal of obstacles (foundations) to 1.5m depth, reinstatement of subsoil and topsoil, cultivation, seeding with grass.	Defra (2011) Safeguarding our Soils: A Strategy for England, In Chapter 2, the strategy highlights the importance of the protection of soils, especially in agricultural landscapes and during development.	Construction and removal of structures	Aftercare Management Plan (AMP)/CEMP (DCO Requirement)	6
Geology, Soils and Agriculture	Throughout Order limits	GSA-C	Compromising the quality of agricultural land making it unsuitable for growing certain crops	Installation of new under drainage around the footprint of each pylon, where under drainage exists and maintenance of the functionality of open ditches. Identify drain locations in the field based on drainage plans, incorporate drainage installation into construction plan	Maintain the quality of agricultural land; Natural England (2012) Agricultural Land Classification: Protecting the Best and Most Versatile Agricultural Land	Construction	Aftercare Management Plan (AMP)/CEMP (DCO Requirement)	6
Geology, Soils and Agriculture	Not defined at this stage	GSA-D	Increase in weeds species	Maintain the areas through seeding with grass and cutting throughout the year. Affected areas to be cultivated and sown to grass/clover mixture	Issue raised in RCP Consultation	Construction	Agreement with landowner / tenant	N/A

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Geology, Soils and Agriculture	Throughout Order limits	GSA-E	Risk to human health via exposure to contamination in soil, dust and vapours.	<p>Measures will generally comprise routine health and safety (e.g. use of gloves, dust masks etc.) and dust suppression and minimisation (e.g. damping down, sheeting of stockpiles, control of plant movements). These general measures will be detailed in the Construction Phase Safety, Health and Environmental Plan and the Project Environmental Management Plan, which will be delivered under the CEMP. Additionally, pre-construction ground investigation will be undertaken, which will be targeted on locations where the Land Contamination Desk Study identifies a specific potential for soil contamination, in accordance with the best practice requirements of 'Model Procedures for the Management of Land Contamination (CLR11)'. Ground investigation will be undertaken during the construction phase, with appropriate lead times relative to construction works starting in specific locations. The findings of the ground investigation will be used to specify any additional occupational health and safety measures, to ensure that these are appropriate for the ground conditions. Additional dust management controls will be implemented if localised ground conditions require this. Should the ground investigation identify soils that present a potential health risk, then remediation measures (e.g. bioremediation of soils affected by hydrocarbon contamination) will be agreed with the relevant regulatory authorities and implemented and validated accordingly. Should soils be unsuitable for treatment and re-use, then these will be disposed of to landfill.</p> <p>Any re-use of site won soils or importation of soils will be undertaken in accordance with a Materials Management Plan, which includes demonstrating that it does not present a risk to health or the environment.</p> <p>Should unexpected contamination be encountered during the course of construction, work will be suspended in the affected area, an investigation into the nature and significance of the contamination undertaken, and a remediation strategy determined, implemented and validated in consultation with the regulatory authorities.</p>	EN-1 5.10.8 & NPPF paragraph 109.	Construction	CEMP (DCO Requirement)	5
Geology, Soils and Agriculture	Throughout Order limits	GSA-F	Risk to human health from gas accumulation (asphyxiation / explosion).	<p>Following best practice as described in 'Model Procedures for the Management of Land Contamination (CLR11)' and 'BS8575:2013 Guidance on Investigations for Ground Gas – Permanent Gases and Volatile Organic Compounds (VOCs)', ground investigation and gas monitoring will be undertaken in locations where the proposed development may affect gas generation or migration (as identified by the Land Contamination Desk Study). Ground investigation will be undertaken during the construction phase, with appropriate lead times relative to construction works starting in specific locations (including allowance for 3 rounds of ground gas monitoring at weekly intervals). Should this identify the presence of ground gas that may present a risk to nearby buildings, then monitoring will continue during the construction phase. In the very unlikely event that this identifies a potential risk of gas migration to nearby buildings, mitigation would comprise in-ground ventilation barriers. All work in excavations and trenches to be undertaken in accordance with <i>The Confined Spaces Regulations, 1997</i>. All piling works will be informed by pre-construction piling risk assessments, to be undertaken in accordance with EA guidance '<i>Piling and Penetrative Ground Improvement Methods on land affected by Contamination: Guidance on Pollution Prevention (Report NC/99/73)</i>' and '<i>Piling Into Contaminated Sites</i>'.</p>	EN-1 5.10.8 & NPPF paragraph 109.	Construction & decommissioning	CEMP (DCO Requirement)	5

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Geology, Soils and Agriculture	Throughout Order limits	GSA-G	Risk to human health via exposure to soil contamination.	Development to be undertaken in accordance with environmental management good practice which will be delivered via the CEMP. Of specific relevance are compliance with the <i>Control of Pollution (Oil Storage) (England) Regulations, 2001</i> and the following Environment Agency Pollution Prevention Guideline (PPG) notes: <i>PPG1 General Guide to the Prevention of Pollution</i> , <i>PPG2 Above Ground Oil Storage Tanks</i> , <i>PPG6 Working at Construction and Demolition Sites</i> , <i>PPG7 Refuelling Facilities</i> , <i>PPG13 Vehicle Washing and Cleaning</i> , <i>PPG21 Pollution Incident Response Planning</i> , <i>PPG26 Drums and Intermediate Bulk Containers</i> . Any re-use of site won soils or importation of soils to be undertaken in accordance with a Materials Management Plan. The re-use of excavated soils (e.g. from pylon foundation excavations / piling arisings) should have regard to their chemical status, which should be determined by laboratory testing. All piling works will be informed by pre-construction piling risk assessments, to be undertaken in accordance with EA guidance ' <i>Piling and Penetrative Ground Improvement Methods on land affected by Contamination: Guidance on Pollution Prevention (Report NC/99/73)</i> ' and ' <i>Piling Into Contaminated Sites</i> '.	EN-1 5.10.8 & NPPF paragraph 109.	Construction & decommissioning	CEMP (DCO Requirement)	5
Geology, Soils and Agriculture	Throughout Order limits	GSA-H	Damage to built development.	Use of appropriate concrete specification for ground conditions, as determined by pre-construction concrete classification testing on soils in accordance with the recommendations of <i>Building Research Establishment (BRE) Special Digest 1: Concrete in Aggressive Ground</i> .	EN-1 5.10.8 & NPPF paragraph 109.	Construction/ decommissioning	CEMP (DCO Requirement)	5
Traffic	Bellmouths to access routes	T&T-A	Insufficient space for vehicles to turn in to and out of haul road bellmouths may lead to conflict with other road users if there is encroachment on to adjacent footways and verges.	Carriageway has been widened where required at bellmouths to the access routes. Land take may be required. Bellmouth locations have been assessed to ensure safe use by all intended vehicles entering the proposed development on access routes. All temporary access arrangements would be constructed to DMRB standards.	Generic measures set out in CEMP	Construction	Construction Traffic Management Plan (CTMP)/CEMP (DCO Requirement)	5
Traffic	(Section A: Broad Oak Road / Shalloak Road) and where construction and/or dismantling works for the OHLs cross the railway line.	T&T-B	Delay to rail users where the construction route crosses over a railway level crossings.	Discussions with network rail required to identify timetable and ensure works avoid peak service times. No physical works required, only consultation needed.	Generic measures set out in CEMP	Construction / demolition	Construction Traffic Management Plan (CTMP)/CEMP (DCO Requirement)	5
Traffic	Section D	T&T-C	Delay to users of the waterways and conflict with overhead structures.	Temporary closure of the river at a point nearest to the last mooring point before the bridges. Notification required to boat clubs and harbour master to enable closure and erect appropriate warning/information signage for users of the river. Boat tie-ups to be provided upstream and downstream of proposed closures.	Generic measures set out in CEMP	Construction / demolition	Construction Traffic Management Plan (CTMP)/CEMP (DCO Requirement)	5
Traffic	Section A: Farleigh Road and Shalloak Road	T&T-D	Delay to bus passengers / services due to relocation of bus stops.	Bus stops relocated away from access route bellmouth locations. Notification to bus operators and KCC highways team required.	Generic measures set out in CEMP	Construction / demolition	Construction Traffic Management Plan (CTMP)/CEMP (DCO Requirement)	5

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Traffic	Entire construction route	T&T- E	Effect on local receptors through an increase in traffic flows and change in flow composition.	<ul style="list-style-type: none"> • Management of construction traffic, particularly HGVs, to and from the site. This includes a traffic route strategy as set out in the CTMP to and from site (to ensure vehicles accessing each site do so via the most appropriate route and to avoid unnecessary conflict with sensitive areas such as residential areas (if unavoidable vehicles would be kept to a minimum)), programming arrival/departures and agreed working hours to lessen impact on the highway network. • Temporary construction signage – to inform local road users of the construction access points and presence of HGVs as well as to assist site vehicles in locating the correct access. • Traffic marshals/Banksmen will be in place at all bellmouth locations to guide construction traffic and record arrivals and departure of vehicles against the deliveries schedule. • Temporary traffic management will be provided during the construction of bellmouths and during road closures to ensure safe movements of all road users • Temporary traffic management will be provided on the approaches to bellmouths in the form of warning signs for large vehicles and sites accesses, reduction in speed limit on approach to bellmouths and temporary traffic signals to ensure safe passage of large vehicles where carriageway is restricted. • Condition surveys will be conducted on the Local Road Network (LRN) (including haul roads and connections to the LRN), PRoW and cycle routes • Parking restrictions may be applied where the carriageway width is restricted to allow the safe passage of HGVs. • A Driver's pack will be prepared to ensure all construction workers travelling to site are aware of reduced speed limits, routes to bellmouths and behaviour when approaching vulnerable road users on the public highway network. • A Travel Plan will be produced by the contractor at detailed design stage and will form part of the evolution of the CTMP. • A Transport co-ordination officer will be appointed by the contractor to ensure the CTMP is maintained. 	Generic measures set out in CEMP	Construction / demolition	Construction Traffic Management Plan (CTMP)/CEMP (DCO Requirement)	5
Socio-ec	Where construction works intersect the PRoW network.	SE-A	Users of the PRoW network	PRoW diversion hierarchy to be applied to all diversions due to access roads or construction activity. This has been discussed and agreed with Kent CC	EN-1 5.12.8	Construction/ decommissioning	PRoW Management Plan / DCO Schedule 7	5
Socio-ec	Broad Oak	SE-B	Effect on business operations	Robin Hood Events (Broad Oak) - Discuss programme with operator and if still proposing to use this site seek to schedule construction works in low season wherever possible	EN-1 5.12.5	Construction/ decommissioning	CEMP (DCO Requirement)	5
Socio-ec	Upstreet	SE-C	Effect on business operations	Nethergong Camping (Upstreet) - Scheduling - undertake construction works in low season wherever possible	EN-1 5.12.5	Construction/ decommissioning	CEMP (DCO Requirement)	5
Socio-ec	Where construction works intersect the PRoW.	SE-D	Effect on recognised long distance trail	Wantsum Walk / Saxon Shore Way Section C - Seek managed closure of this PRoW as a priority	EN-1 5.12.8	Construction/ decommissioning	PRoW Management Plan / DCO Schedule 7	5
Socio-ec	Where construction works intersect the PRoW.	SE-E	Effect on recognised long distance trail	Saxon Shore Way Section D - Seek managed closure of this PRoW as a priority	EN-1 5.12.8	Construction/ decommissioning	PRoW Management Plan / DCO Schedule 7	5

Topic	Location	Measure Ref. No.	Potential Effect	Measure proposed	Purpose	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Biodiversity	Throughout Order limits	B-A (Birds all locations)	Damage, disturbance, injury or harm to receptor group/species or their habitat	Pre works verification surveys: All vegetation including arable crops to be checked for nesting birds by an ecologist if vegetation clearance is required in bird nesting season (1 March through 31 August inclusive unless specified otherwise), this is relevant across the whole line. Phased vegetation removal ahead of the nesting season where possible.	Best practice and Wildlife and Countryside Act, LPA policy	All works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Biodiversity	Throughout Order limits	B-B (Badgers and otters all locations)	Damage, disturbance, injury or harm to receptor group/species or their habitat	Pre works verification surveys for new activity - if found specific measures and licensing may be required. All steep-sided excavations larger than 0.3 x 0.3m will be delineated, covered at night, and/or an escape ramp provided to avoid badgers or otters falling in and becoming trapped. A maximum speed limit of 10mph on-site will be enforced on site, and operatives will be warned of the presence of badgers and otters in order to reduce the risk of death or injury through vehicle collision;	Best practice and Protection of Badgers Act	All works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Biodiversity	Throughout Order limits	B-C (all culverts)	Damage, disturbance, injury or harm to receptor group/species or their habitat	Mammal ledges to be incorporated in all culverts to ensure free passage.	Best practice and Wildlife and Countryside Act, LPA policy	All works	Biodiversity Mitigation Strategy and CEMP (DCO Requirement)	5
Biodiversity	Throughout Order limits	B-D (Schedule 1 breeding birds/ sensitive wintering measures; only where stated in Specific measures)	Damage, disturbance, injury or harm to receptor group/species or their habitat	Pre-verification surveys of all bird habitats before works if in breeding season (1 March- 31 August). <ul style="list-style-type: none"> • during the breeding season, where possible no night working apart from scaffolding works at road and rail crossings unless otherwise agreed under specific measures with the ECoW (Ecological Clerk of Works). • Any construction site lighting should be appropriately positioned to focus away from any identified areas of nesting. • Temporary visual screening ("solid" visual screen such as heras fencing covered in mesh or plywood hoarding or similar) should be installed at a height of 2-3m around each pylon working area where requested in the Specific measures. Primarily to minimise visible disturbance from human presence as well as light and noise spill (breeding and wintering sensitivities) • Behavioural measures to restrict any unnecessary noise (e.g. shouting, vehicle horns, loud reversing alarms, unnecessary engine revving etc) during the construction period would considered if works are during the sensitive breeding period /sensitive wintering sites. • Speed limits would be enforced by all site vehicles along access tracks/ haul roads. <ul style="list-style-type: none"> • If piling and foundations works are during critical periods (breeding/wintering) then monitoring of Ash Level by ECoW or ecologist). 	Best practice and Wildlife and Countryside Act, LPA policy	All works	Biodiversity Mitigation Strategy (DCO Requirement)	5

Topic	Location	Measure Ref. No.	Potential Effect	Measure proposed	Purpose	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Biodiversity	Throughout Order limits	B-F (Bats)	Damage, disturbance, injury or harm to receptor group/species or their habitat	Pre works verification surveys for new activity - if found specific measures and licensing may be required. To cover all trees identified with moderate or greater bat potential. Soft felling of trees with low-moderate potential. No construction work requiring lighting will be completed between sunset and sunrise during the main bat active season (April to October inclusive) apart from short scale railway and major road crossing works conducted under Specific Measures under instruction from the ECoW. Essential overnight security lighting during the construction phase would avoid lighting ditches, ponds, hedges and woodland where at all possible. Motion sensors would be used, minimising the use of light; spill limited so only the task area is lit using accessories (e.g. hoods) to shield or direct light to where it is required. Lighting would use narrow spectrum light sources emitting minimal ultra-violet light peaking higher than 550 nm, white lighting should be of a warm / neutral colour temperature. Habitat connectivity: Earth bunds created next to the access tracks at bellmouths will be seeded with species rich grassland (to be left uncut for construction period) or planted with saplings where visibility allows or saplings will be planted alongside temporary fencing for the duration of the bellmouth to allow for continued habitat connection. Hedges replaced after works.	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies)	All works	Biodiversity Mitigation Strategy and CEMP (DCO Requirement)	5
Biodiversity	Throughout Order limits	B-G Generic habitat	Damage, disturbance, injury or harm to receptor group/species or their habitat	All SI grassland and ditch side habitats which have been cleared to bare ground during works, would be re-seeded with a locally appropriate grassland mix following works in order to regenerate habitats. Where specialist native wildflower mixes are required see Specific Measures .	Best Practice, LPA po	All works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Biodiversity	Throughout Order limits	B-H (Hedges)	Damage, disturbance, injury or harm to receptor group/species or their habitat	Hedges would be laid in preference to topping where the height and structure of the hedge allows for visibility splays. This allows for stronger regrowth following construction and maintains a green corridor for wildlife.	Best Practice	All works	Biodiversity Mitigation Strategy and Landscape and Habitat Management Plan (DCO Requirement)	5, 8 and 9
Biodiversity	Throughout Order limits	B-I (Reptiles)	Damage, disturbance, injury or harm to receptor group/species or their habitat	All grassland, ruderal habitats and scattered scrub (SI fields, field margins, waste land) affected by works would be manually trimmed out using brushcutters prior to any works to encourage reptiles out of the working area (this must be completed April- October inclusive when reptiles are active*). This would be conducted either supervised or unsupervised by an ECoW based on how optimal the habitat is at the time of works. *To be confirmed by ECoW in delivery.	Best practice and Wildlife and Countryside Act, LPA policy	All works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Biodiversity	All works within 5m of a watercourse throughout the Order limits.	B-J (Water voles)	Damage, disturbance, injury or harm to receptor group/species or their habitat	Prior to any works within 5m of drainage ditches and rivers (e.g. crossing points, drainage installation or any in channel works) a pre works verification survey will be required for water vole. Where water vole presence has been confirmed avoidance measures will be adopted where possible including the use of short span bridges instead of culverts to avoid in channels works and micrositing drainage outfalls. Where mitigation is required for in channel works bankside vegetation in works area and 5m buffer trimmed to ground level in 2 stages over 2 days and topsoil removed under ecology supervision. Optimal time for these works is between late February and mid April. ECoW will determine if works can be conducted outwith this time in consultation with NE. Due to very tight seasonal restrictions in this work it is recommended that the first stage of vegetation removal to ground level is completed between late February and mid April 2017.	To avoid contravening the Wildlife and Countryside Act. NERC.	All works	Biodiversity Mitigation Strategy (DCO Requirement)	5

Topic	Location	Measure Ref. No.	Potential Effect	Measure proposed	Purpose	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Biodiversity	Throughout Order limits	B-K (Drainage pipes)	Damage, disturbance, injury or harm to receptor group/species or their habitat	Impacts would be minimal given scale and scope of drainage works, so best practice, non licensed measures would be sufficient throughout. Where field drainages pipes are being installed, if they interact with the receptor habitats listed within the mitigation measures table (grassland, ditches, scrub, hedges, trees) then the same mitigation will be required for the drainage pipes works/ installation. Micrositing and sensitive methods of working (minimised working area limited to 2m width per pipe, hand digging, seasonal restrictions) would be employed as and where appropriate to reduce effects on valued receptors to a non significant level. This applies to all biodiversity receptors listed.	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies)	All works	Biodiversity Mitigation Strategy (DCO Requirement)	5
Biodiversity	All works within 8/15m of a watercourse throughout the Order limits.	B-M All watercourses	See WE-A through WE-S above	See Measures WE-A through WE-S	Habitat Regulations and Wildlife and Countryside Act (WCA); Local and National Planning Policy (EN-1, NPPF and county/district council policies)	All works	CEMP (DCO Requirement)	5
Biodiversity	All works within 7m of invasive species throughout the Order limits.	B-N Invasive Species	Invasive species - spread or cause to grow outside existing locations. Himalayan balsam and Japanese knotweed are located in/close to working areas. Water fern is located throughout ditches	Best practice control in situ or removal off site to appropriate licensed waste site. Where these sites are inhabited by protected species, Specific measures for control are provided.	Best Practice, WCA and Control of Weeds Act.	All works	Biodiversity Mitigation Strategy and Waste Management Plan (DCO Requirement)	5 and 6
Landscape	Throughout Order limits	LVA-A	Incorrect timings of works failure to thrive of tree species	Pollarding to be undertaken in late winter early spring.	Best Practice	All works	Landscape Mitigation Strategy (DCO Requirement)	8 and 9
Landscape	Throughout Order limits	LVA-B	Damage and loss of existing trees and hedgerows	Appropriate fencing in accordance with BS5837:2012 to be installed around root protection zones and protected hedgerow. No materials to be stored within fenced off area.	Hedgerow regulations 1997, NPS EN-1 5.8.20, BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations	All works	Landscape Mitigation Strategy (DCO Requirement)	8 and 9
Landscape	Throughout Order limits	LVA-C	Arisings from tree works potential obstruction for points of access and construction working areas	The treatment of arisings will be determined according to a hierarchy of options as detailed in the CEMP section 3.2.10 - 3.2.24. The options for treatment will address the distance arisings are to be moved (Displacement), and the resultant size of arisings (Processing). The preference will be to minimise both the Displacement and Processing of arisings.	British Standard 3998:2010 Tree Works Recommendations	All works	Landscape Mitigation Strategy (DCO Requirement)	8 and 9
Landscape	Throughout Order limits	LVA-D	Incorrect handling and storage	Topsoil will be stockpiled around the edges of the construction compounds, as detailed	Best Practice	All works	Landscape Mitigation Strategy (DCO Requirement)	8 and 9
Landscape	Throughout Order limits	LVA-E	Poor growth, failure of planting if planted in incorrect season or conditions	Planting of bare root stock should be planted straight away within the planting season November - March.	Best Practice	All works	Landscape Mitigation Strategy (DCO Requirement)	8 and 9

Topic	Location	Measure Ref. No.	Potential Effect	Measure proposed	Purpose	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Water Environment	Throughout Order limits	WE-A	Change in water quality via (i) generation of sediment laden runoff (temporary access road, and pylon foundation construction activities), (ii) chemical leaching of concrete footings (iii) concrete or fuel spillages resulting in (a) deterioration in status of WFD water body or designated site (b) water supply resource .	Pollution Prevention Guidance All EA Pollution Prevention Guidance (PPGs) will be followed on-site, with particular emphasis being placed on adherence to PPG5, 'Works and maintenance in or near water', and PPG6 'Working at Construction and Demolition Sites'.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout Order limits	WE-B	Change in water quality via (i) generation of sediment laden runoff (temporary access road, and pylon foundation construction activities), (ii) chemical leaching of concrete footings (iii) concrete or fuel spillages resulting in (a) deterioration in status of WFD water body or designated site (b) water supply resource .	Inspection As set out in the draft CEMP, the contractor will undertake daily inspections, which will include monitoring conformance with the CEMP. Immediate action including, if necessary 'stopping a job', will be taken should any incidents or non-conformance with the CEMP be found during inspection.	Protection of the water environment To ensure that the measures taken to protect the water environment are effective.	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	All works within 8/15m of a watercourse throughout the Order limits.	WE-C	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities) resulting in potential deterioration in status of receptor WFD water body or designated site. Changes in morphology and flow conveyance as a result of increased sediment inputs or direct watercourse disturbance, resulting in potential deterioration in status of receptor WFD water body or designated site.	Consents Flood Defence Consent/Land Drainage Consent will be obtained from the EA, IDB and KCC for all works within 8m of a Main River banktop (EA), 15m where tidal (EA), 8m for IDB watercourses (IDB) and where works are proposed between the banktops of all other watercourses (KCC). Formal Flood Defence (or Land Drainage) Consent applications will need to demonstrate measures are in place to protect water quality and to minimise effects on watercourse morphology and conveyance, in order to ensure compliance with WFD objectives.	Protection of the water environment. Maintaining access for watercourse maintenance, in accordance with regional flood defence and IDB bye-laws	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	All works within 8/15m of a watercourse throughout the Order limits.	WE-D	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site. Changes in morphology and flow conveyance as a result of increased sediment inputs or direct watercourse disturbance, resulting in potential deterioration in status of receptor WFD water body or designated site.	Stand-off from watercourses Where possible, works within 8m (15m where navigable) of watercourse banktops will be avoided to minimise the number of Flood Defence (or Land Drainage) Consents required. An absolute minimum 3m stand-off distance from all watercourses/ waterbodies will be applied (with the exception of crossings and where existing field access routes that are already located adjacent to watercourses are to be utilised). This stand-off distance increases to 5m where ecological environmental measures are required.	Protection of the water environment. Maintaining access for watercourse maintenance, in accordance with regional flood defence and IDB bye-laws	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	All works within 8/15m of a watercourse throughout the Order limits.	WE-E	Changes to flow conveyance as a result of new or modified watercourse crossings, leading to increased flood risk to people, property and infrastructure.	Watercourse crossings Detailed design (of watercourses) will require approval from EA via Flood Defence Consent (Main Rivers), or from IDB/KCC via Land Drainage Consent (Ordinary Watercourses).	Protection of the water environment Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5, 14 and 15
Water Environment	Watercourse crossings throughout the order limits	WE-F	Changes in morphology and flow conveyance as a result of increased sediment inputs or direct watercourse disturbance, resulting in potential deterioration in status of receptor WFD water body or designated site.	Watercourse crossings Ensuring construction of watercourse crossings adheres to best practice guidance for works in or near watercourses (especially EA PPG5).	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5, 14 and 15
Water Environment	Watercourse crossings throughout the Order Limits	WE-G	Changes to flow conveyance as a result of new or modified watercourse crossings, leading to increased flood risk to people, property and infrastructure.	Watercourse crossings All installed structures will be sized to maintain existing flow conveyance.	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5, 14 and 15
Water Environment	Watercourse crossings throughout the Order Limits	WE-H	Changes to flow conveyance as a result of new or modified watercourse crossings, leading to increased flood risk to people, property and infrastructure.	Watercourse crossings All installed structures will be sized to avoid any constraints to channel cross section.	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5, 14 and 15

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Water Environment	Watercourse crossings throughout the order limits	WE-I	Changes in morphology and flow conveyance as a result of increased sediment inputs or direct watercourse disturbance, resulting in potential deterioration in status of receptor WFD water body or designated site.	Watercourse crossings Ensuring culverts and watercourse crossings are designed to minimise morphological and conveyance effects.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5, 14 and 15
Water Environment	Larger watercourses within the Order Limits, particularly the River Great Stour	WE-J	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities, resulting in potential deterioration in status of receptor WFD water body or designated site. and Changes to flow conveyance as a result of new or modified watercourse crossings, leading to increased flood risk to people, property and infrastructure.	Watercourse crossings Clear span bridges will be used for those watercourses too wide or deep to be crossed using culverts, for example, the two proposed crossings of the River Stour, and for crossings of larger drainage channels, including Sarre Penn, Severnscore Dike, West Monkton Stream, East Monkton Steam, Minster Stream and the Wantsum Channel.	Protection of the water environment Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5, 14 ,15 and 17
Water Environment	Crossings over the River Stour	WE-K	Changes to flow conveyance as a result of new or modified watercourse crossings, leading to increased flood risk to people, property and infrastructure.	Watercourse crossings Long clear span bridges for the River Stour crossings, the soffits of which have been set on the basis of navigational requirements, which far exceed the requirements for flooding, i.e. well in excess of both the fluvial 1% AEP plus climate change and tidal 0.5% AEP plus climate change modelled design levels plus a 600mm freeboard.	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5, 14 ,15 and 17
Water Environment	Watercourse crossings throughout the Order Limits	WE-L	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Watercourse crossings Culvert design will be chosen to minimise in-channel disturbance of bed and banks.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5, 14 and 15
Water Environment	Culverted watercourse crossings throughout the Order Limits	WE-M	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Watercourse crossings Installation of culverts will be made in a dry channel (isolated from the channel flow) with overpumping of water made as necessary.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5, 14 and 15
Water Environment	Crossings over the River Stour	WE-N	Changes to flow conveyance as a result of new or modified watercourse crossings, leading to increased flood risk to people, property and infrastructure.	Watercourse crossings No multiple pipes for culverts.	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5, 14 and 15
Water Environment	Crossings over the River Stour	WE-O	Changes to flow conveyance as a result of new or modified watercourse crossings, leading to increased flood risk to people, property and infrastructure.	Watercourse crossings Culverts to have concrete bedding to prevent settling of the culvert and resultant loss of flow capacity.	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5, 14 and 15
Water Environment	Access tracks and working areas throughout the Order Limits	WE-P	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities resulting in potential deterioration in status of receptor WFD water body or designated site; and Changes to runoff rates resulting from ground disturbance and creation of impermeable surfaces, leading to increased flood risk to people, property and infrastructure.	Access routes and working areas - construction material Access routes and works areas (including laydown compounds and pylon working areas) will be designed to be semi-permeable to allow infiltration (with the exception of fuel storage areas in the construction compounds, which will be underlain by low permeable material in order to ensure that any pollution incidents associated with spillages/leakages are contained). Where practical, access routes and working areas would be constructed of material at least as permeable as the topsoil removed (e.g. stone/crush gravel), unless temporary Trakway is utilised to minimise the loss of floodplain storage, where additional drainage measures will be provided, such as infiltration trenches.	Protection of the water environment Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Access tracks and working areas throughout the Order Limits	WE-Q	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities resulting in potential deterioration in status of receptor WFD water body or designated site; and Changes to runoff rates resulting from ground disturbance and creation of impermeable surfaces, leading to increased flood risk to people, property and infrastructure.	Access routes and working areas - drainage Run-off will generally not be drained via a piped or open channel drainage system, but will instead be allowed to infiltrate. Infiltration trenches will be used to promote infiltration of locally displaced runoff where required.	Protection of the water environment Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5

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Water Environment	Access tracks and working areas throughout the Order Limits	WE-R	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Access routes and working areas - drainage Temporary infiltration trenches will be installed adjacent to those construction areas deemed to be at greatest risk of sediment-laden runoff.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Access tracks and working areas throughout the Order Limits, particularly those close to watercourses	WE-S	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Access routes and working areas - drainage Further measures, such as silt fencing will be installed to prevent runoff from disturbed areas from reaching watercourses where appropriate.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Access tracks and working areas throughout the Order Limits	WE-T	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Access routes and working areas - drainage Mitigation will be provided in-situ in small scale measures in preference to large regional systems to prevent large-scale water build-up.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout Order Limits	WE-U	Change to local flood risk as a result of compartmentalisation of the floodplain.	Access routes and working areas Access routes (and working areas) in the floodplain are to be as close to ground level as possible (a slight raise surface is often required to allow to for drainage). Trakway will be used where possible.	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout Order Limits	WE-V	Change to local flood risk as a result of compartmentalisation of the floodplain.	Access routes and working areas - drainage Cross drainage would be provided as necessary at topographic low points.	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Order limits	WE-W	Changes to runoff rates resulting from ground disturbance and creation of impermeable surfaces , leading to increased flood risk to people, property and infrastructure.	Dewatering of excavations Dewatering of excavations will cease if a Flood Alert or Flood Warning has been issued by the EA for an area downstream.	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout the Order Limits, but particularly in the low-lying areas in Sections C and D	WE-X	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Dewatering of excavations No silty water to be pumped directly into any watercourse. Groundwater dewatered from excavations (e.g. pylon foundation excavations) will be discharged to adjacent grassed/vegetated agricultural land, away from watercourses, as far as possible. Where there remains the potential for this water to runoff into nearby surface water features, additional control measures will be put in place, which may include surrounding the discharge area (grassed/vegetated agricultural land) with sediment fencing or passing the silt-laden water through a Siltbuster® or similar. If infiltration is not possible, and discharge to a watercourse is required, this will be subject to a permit from the EA and will be proactively managed to meet the permit conditions.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout the Order Limits, but particularly in the low-lying areas in Sections C and D	WE-Y	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Dewatering of excavations If discharges to watercourses are at rates that could cause erosion to bed or banks, appropriate erosion control measures would be incorporated.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5

Topic	Location	Measure Ref. No.	Potential Effect	Measure proposed	Purpose	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Water Environment	Throughout the Order Limits	WE-Z	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Soil stockpiles - placement Soil stockpile placement - Soil stockpiles will be located at least 8m from all watercourses (15m from the Stour on account of EA access requirements).	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout the Order Limits	WE-AA	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Soil Stockpiles - placement Where stockpiles run parallel to watercourses, the stockpiles will be located on the opposite side of the access route.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout Order Limits	WE-AB	Change to local flood risk as a result of compartmentalisation of the floodplain.	Soil stockpiles - flow paths 20m breaks in soil stockpiles will be ensured at no greater than 80m intervals. Gaps in the stockpiles will be located to preserve existing low points and flow paths. Where stockpiles are placed on both sides of the haul road the gaps between them should coincide.	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout the Order Limits	WE-AC	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Soil stockpiles - drainage The installation of temporary soakaway ditches (as above) will be installed where required to capture sediment-laden runoff from soil stockpiles; with ditches installed adjacent to those stockpiles that are deemed to present a potential risk of runoff to water features.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout the Order Limits, particularly adjacent to watercourses	WE-AD	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Soil stockpiles - drainage Silt fences may also be installed adjacent to soil stockpiles or at the Order Limits boundary where watercourses are in close proximity or downslope.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout the Order Limits	WE-AE	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Soil stockpiles - drainage The surface of stockpiled soils will be smoothed with excavators to reduce potential for runoff generation.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout the Order Limits	WE-AF	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site.	Soil stockpiles - drainage With the exception of stockpiles with a lifetime of less than 3 months, all stockpiles will be seeded to encourage stabilisation of topsoil.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout the Order Limits	WE-AG	Potential change to surface water quality affected by, mobilisation of contaminants from contaminated soil, or accidental spillage of pollutants (e.g. fuel or oil).	Soil Stockpiles - Contaminated land Where the contamination desk study (Appendix 14A within Volume 5, Document 5.4) identifies the potential for land contamination, testing of the relevant material would be undertaken to assess the risk, as discussed in Section 14.9 and 14.13 of the ES, and further measures taken as appropriate. Where a risk of contamination has been identified, intrusive investigations would be undertaken and suitable measures implemented prior to construction works and soil stockpile creation commencing. The DCO will secure the implementation of suitable measures to protect controlled waters from potentially contaminative ground conditions. The installation of runoff control measures and ensuring that stockpiles are located away from watercourses, as discussed above, would further minimise the risk of contaminants arising from the excavation of contaminated land from reaching watercourses.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5

Topic	Location	Measure Ref. No.	Potential Effect	Measure proposed	Purpose	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Water Environment	Order limits	WE-AH	Change in water quality via generation of sediment laden runoff (temporary access road, and pylon foundation construction activities resulting in potential deterioration in status of receptor WFD water body or designated site; and Changes to runoff rates resulting from ground disturbance and creation of impermeable surfaces, leading to increased flood risk to people, property and infrastructure.	Reinstatement All access route and working area construction material to be removed at the end of construction/demolition and reinstated with the topsoil stockpiles (to a level slightly above natural ground level to allow for settlement).	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	All pylon locations	WE-AI	Potential change to surface water quality affected by chemical leaching of concrete footings (subsurface corrosion of concrete), or concrete or fuel spillages .	Pylon construction Suitably corrosion and pH resistant concrete formulas will be utilised for pylon foundations.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Laydown compounds (Westbere, Richborough)	WE-AJ	Change in water quality via generation of sediment laden runoff as a result of construction activities, e.g. temporary access route and pylon foundation construction activities or via accidental discharge of concrete or fuels etc, resulting in potential deterioration in status of receptor WFD water body or designated site. Changes to runoff rates resulting from ground disturbance and creation of impermeable surfaces, leading to increased flood risk to people, property and infrastructure.	Laydown compounds Detailed drainage strategies will be prepared for each compound, utilising SuDS principles for any areas requiring new drainage system. Drainage from areas not served by existing drainage systems will be designed in accordance with SuDS principles and at pre-development rates. SuDS measures may include attenuation storage; infiltration trenches/soakaways.	Protection of the water environment Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Laydown compounds (Westbere, Richborough)	WE-AK	Potential change to surface water quality affected by chemical leaching of concrete footings (subsurface corrosion of concrete), or concrete or fuel spillages .	Laydown compounds Site drainage infrastructure from the laydown compounds (at Westbere and Richborough) will be designed such that it passes through a hydrocarbon interceptor.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Laydown compounds (Westbere, Richborough)	WE-AL	Change in water quality via generation of sediment laden runoff as a result of construction activities, e.g. temporary access route and pylon foundation construction activities or via accidental discharge of concrete or fuels etc , resulting in potential deterioration in status of receptor WFD water body or designated site.	Laydown compounds Prior to the utilisation of any existing piped drainage systems, the contractor would investigate the suitability of such systems and replace elements and install additional measures, such as oil interceptors, where required.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Laydown compounds (Westbere, Richborough)	WE-AM	Change in water quality via generation of sediment laden runoff as a result of construction activities, e.g. temporary access route and pylon foundation construction activities or via accidental discharge of concrete or fuels etc , resulting in potential deterioration in status of receptor WFD water body or designated site.	Laydown compounds Discharge of site drainage to Controlled Waters may be subject to Environmental Permit from the EA. Any discharge to sewer will be subject to permit from the water company.	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Throughout order limits	WE-AN	Change in water quality via generation of sediment laden runoff as a result of construction activities, e.g. temporary access route and pylon foundation construction activities or via accidental discharge of concrete or fuels etc , resulting in potential deterioration in status of receptor WFD water body or designated site. Changes to runoff rates resulting from ground disturbance and creation of impermeable surfaces, leading to increased flood risk to people, property and infrastructure.	Drainage Management Plan Further details of construction phase drainage management measures will be developed by the appointed contractors after the DCO has been granted, and will be presented in a Drainage Management Plan (DMP). The details of the DMP will be agreed with the EA, IDB and KCC prior to the start of construction operations.	Protection of the water environment Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5

Topic	Location	Measure Ref. No.	Potential Effect	Measure proposed	Purpose	Timing (Phase of works)	Delivery Mechanism	Draft DCO Requirement number
Water Environment	Laydown compounds throughout the Order limits	WE-AO	Potential change to surface water quality and or groundwater quality as a result of accidental spillage of pollutants (e.g. fuel or oil).	Laydown Compounds All oil and diesel storage facilities will be at least 10m from any watercourse and at least 50m from any borehole or well	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Working areas throughout the Order limits	WE-AP	Change in flood risk as a result of site operatives undertaking works within the floodplain	Preparation of Flood Emergency Response Plans for all working areas and access/egress routes located in Flood Zones 2 and 3.	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Laydown compounds	WE-AO	Potential change to surface water quality and or groundwater quality as a result of accidental spillage of pollutants (e.g. fuel or oil).	Laydown Compounds All oil and diesel storage facilities will be at least 10m from any watercourse and at least 50m from any borehole or well	Protection of the water environment	Construction /demolition	CEMP (DCO Requirement)	5
Water Environment	Working areas	WE-AP	Change in flood risk as a result of site operatives undertaking works within the floodplain	Preparation of Flood Emergency Response Plans for all working areas and access/egress routes located in Flood Zones 2 and 3.	Ensure flood risk is not increased.	Construction /demolition	CEMP (DCO Requirement)	5

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