

Hinkley Point C Connection DCO Material Change

EIA Scoping Report – Appendices

EN0210004

June 2025

nationalgrid



Hinkley Point C Connection DCO Material Change

EIA Scoping Report Appendix 2.1 –

**Assessment of Future Operation and Maintenance
Activities within the 2014 Original ES**

EN0210004

June 2025

nationalgrid

Contents

1.	Introduction	1
2	Maintenance Activities as permitted under the 2016 DCO and assumptions made in the 2014 Original ES	2
2.1	The 2016 DCO	2
2.2	Assumptions regarding Operation and Maintenance in the 2014 Original ES	3
3	Comparison of the Maintenance Activities assumed in the 2014 Original ES and the Material Change Application	4
3.1	Project Vehicular Access Points	4
3.2	Minor highway safety works to facilitate maintenance access	5

1. Introduction

- 1.1.1 This document provides additional information regarding the assumptions used to inform the 2014 Original ES and the assessment undertaken in relation to maintenance access routes. This information supports the conclusions within the Hinkley Point C Connection Project Material Change EIA Scoping Report (the 'EIA Scoping Report') that future operation and maintenance activities associated with the proposed new maintenance access routes, specifically in relation to works that may be needed when the access routes are used and any alterations or repairs to project vehicular access points (including widening of gates) would not give rise to materially new or materially different significant effects when compared to what was assumed and assessed within the 2014 Original ES.
- 1.1.2 Section 2 of this document first sets out the maintenance activities that are permitted under the 2016 DCO and the assumptions made within the 2014 Original ES. Section 3 sets out the likely future maintenance activities associated with the Material Change Application for proposed amendments to the Hinkley Point C Connection Project (HPCCP) (the '2016 Project') Development Consent Order (DCO) 2016 ('the 2016 DCO') (the 'Proposed Development').

2 Maintenance Activities as permitted under the 2016 DCO and assumptions made in the 2014 Original ES

2.1 The 2016 DCO

2.1.1 Article 4(1) of the 2016 DCO provides that the Applicant may at any time maintain the 2016 Project:

Development Consent Order - Article 4(1) – Maintenance of authorised development

“4.-(1) National Grid may at any time maintain the authorised development (excluding WPD Works), except to the extent that this Order or an agreement made under this Order provides otherwise.”

2.1.2 For the purposes of the 2016 DCO, “maintain” includes:

“inspect, repair, adjust, alter, remove, reconstruct or replace the authorised development, provided such works do not give rise to any materially new or materially different environmental effects to those identified in the Environmental Statement, and any derivative of “maintain” must be construed accordingly”

2.1.3 The 2016 Project includes the following maintenance activities under the category of Associated Development as set out in Schedule 1 of the 2016 DCO:

Development Consent Order – Schedule 1 – Other Associated Development

“Such associated development not listed above, within the Order limits, as may be necessary or expedient for the purposes of or in connection with the construction or maintenance of the above Work Nos. or any of them consisting of—

- (a) ramps, means of access, footpaths, bridleways, trackways and pontoons;
- (b) embankment, bridge, aprons, abutments, foundations, retaining walls, drainage, wing walls, fencing and culverts;
- (c) works to alter the position of apparatus, including mains, sewers, drains and cables;
- (d) works to alter the course of, or otherwise interfere with a watercourse;
- (e) landscaping and other works to mitigate any adverse effects of the construction, maintenance or operation of the authorised development;
- (f) works for the benefit or protection of land affected by the authorised development;
- (g) works required for the strengthening, improvement, maintenance, or reconstruction of any streets;
- (h) works to alter or remove road furniture;
- (i) site preparation works, site clearance (including fencing, vegetation removal, demolition of existing structures and the creation of alternative footpaths); earthworks (including soil stripping and storage, site levelling);

- (j) establishment of site construction compounds, temporary offices, temporary vehicle parking, construction fencing, perimeter enclosure, security fencing, construction related buildings, welfare facilities, construction and security lighting and haulage roads; and
- (k) installation of wires, cables, ducts, pipes and conductors.”

2.2 Assumptions regarding Operation and Maintenance in the 2014 Original ES

2.2.1 The 2014 Original ES assumed that temporary access tracks (which included temporary culverts), bellmouths (referred to herein as vehicular access points) and work pads (including haul roads) at the pylons would be removed following the completion of the overhead line construction.

ES Project Description Chapter 3 – Paragraph 3.7.95 (Document 5.3.3)

“Once the overhead line is constructed, the temporary access tracks and working areas at the pylon sites would be removed and the ground reinstated by removing stone and trackways. Soils would be restored to their previous condition. Other surfaces would be reinstated and bellmouths would be restored to their condition at the commencement of the works.”

2.2.2 The 2014 Original ES assumed the following in terms of indicative access for future maintenance and frequency of maintenance visits.

Project Description Chapter 3 – Paragraphs 3.7.100-3.7.101 and 3.7.265 (Document 5.3.3)

“3.7.100 During refurbishment there would be activity along the overhead line, particularly at tension pylons where the new conductor is installed and the old conductor taken down.

3.7.101 Vans would be used to carry workers in and out of site and HGVs/trucks would be used to bring new materials and equipment to site and remove old equipment. Temporary works including access routes and scaffolding to protect roads would be required as for construction. For work to a T-pylon MEWPs would be also be required. The type i.e. tracked or normal would depend on the ground conditions, time of year and the nature of the works to be undertaken.”

“3.7.265 National Grid would require infrequent access to ensure the Proposed Development could be appropriately maintained. The access would typically be made by foot, 4x4 or tractor and trailer and would not typically require any new temporary accesses; however access to tension pylons may require temporary stone roads or aluminium trackway to be laid. Upon completion of any maintenance works, surfaces would be restored to their previous condition. The indicative accesses for future maintenance are shown at Volume 5.3.3, Figure 3.5 – 3.6.”

2.2.3 ES Project Description Figures 3.5 and 3.6 (Document 5.3.3.3) show the indicative maintenance access routes that were anticipated to be used, and which were assessed in the 2014 Original ES.

3 Comparison of the Maintenance Activities assumed in the 2014 Original ES and the Material Change Application

3.1 Project Vehicular Access Points

3.1.1 The project vehicular access points included within the Material Change Application were installed as temporary assets to support construction and are all already in existence (with the exception of the vehicular access point which is to be installed as part of the construction of new infrastructure culvert LD20-2 and which is being considered as part of the construction phase for culverts in the EIA Scoping Report). Whilst they were anticipated to be temporary at the time of the 2014 Original ES, they are now intended to be retained as permanent assets in order to facilitate access for maintenance of the 2016 Project. The retention of the project vehicular access points (and therefore the lack of reinstatement, as was assumed in the 2014 Original ES) is considered within the EIA Scoping Report. This appendix sets out the relevant assumptions regarding maintenance activities of the nature that may be carried out at these project vehicular access points within the 2014 Original ES and how they compare to what is now anticipated to be undertaken at these locations.

3.1.2 The only physical works currently anticipated to be required at these locations is the widening of gates at some locations (associated vegetation removal that may be required is addressed in section 3.2 below). As set out in the EIA Scoping Report, whilst it was anticipated that Mobile Elevated Working Platforms (MEWP) may be required to be used for maintenance of the 2016 Project, the Applicant's understanding of the specific type and size of MEWP has developed over time, and it is now known that larger MEWPs as well as cranes and lorry-mounted cranes are required. The requirement for these larger vehicles to maintain the T-Pylons means the gates that were installed for the construction phase are not wide enough to facilitate future access. ES Project Description Chapter 3 – Paragraph 3.7.88 (Document 5.3.3) states in relation to the installation of gates *“During the works gated entrances to the working areas would be installed to restrict access to construction vehicles and personnel only.”*

3.1.3 Therefore, whilst the works to widen or install new gates are being undertaken as a result of retaining the assets permanently rather than at the time of initial construction, the 2014 Original ES did assume that gates would be installed at these locations. The only change to this assumption is the timing of the works (occurring sometime after the initial construction of the vehicular access point). No change to the baseline has occurred other than the construction works that have happened for the 2016 Project, and therefore the sensitivity of receptors is not anticipated to have changed compared to that reported in the 2014 Original ES. Given the relatively minor nature and very short duration of the works required to install or widen a gate, this change in timing would not be expected to give rise to materially new or materially different significant effects.

- 3.1.4 It is currently not known what alterations or repairs may be required to project vehicular access points in future. Ahead of use of the access routes, inspections would be carried out to identify whether any alterations are required to ensure the route is suitable for the vehicles to be used. This may include repairs where needed, minor widening of turning points or removal/widening of gates to allow sufficient turn in space for maintenance vehicles from the highway. This is due to the need for larger, heavier maintenance vehicles.
- 3.1.5 These works are in line with the broader construction / maintenance activities considered within the 2014 Original ES as described in Section 2.2 above. In addition, the works associated with potential widening of vehicular access points was specifically considered as part of the construction phase for the 2016 Project - ES Project Description Chapter 3 – Paragraph 3.7.173 (Document 5.3.3) states: *“Existing accesses from public highways may need to be widened to accommodate construction vehicles or temporary new accesses may be required...”*.
- 3.1.6 As with the installation or widening of gates, the only change to this assumption is the timing of when the activity may be carried out. The works would be at specific locations where inspections have identified repair or widening is required, would be short-term in duration and affect only individual vehicular access points. On this basis, no materially new or materially different significant effects are considered likely to arise from the same works being carried out in the future compared to the assessment undertaken for the construction phase in the 2014 Original ES.

3.2 Minor highway safety works to facilitate maintenance access

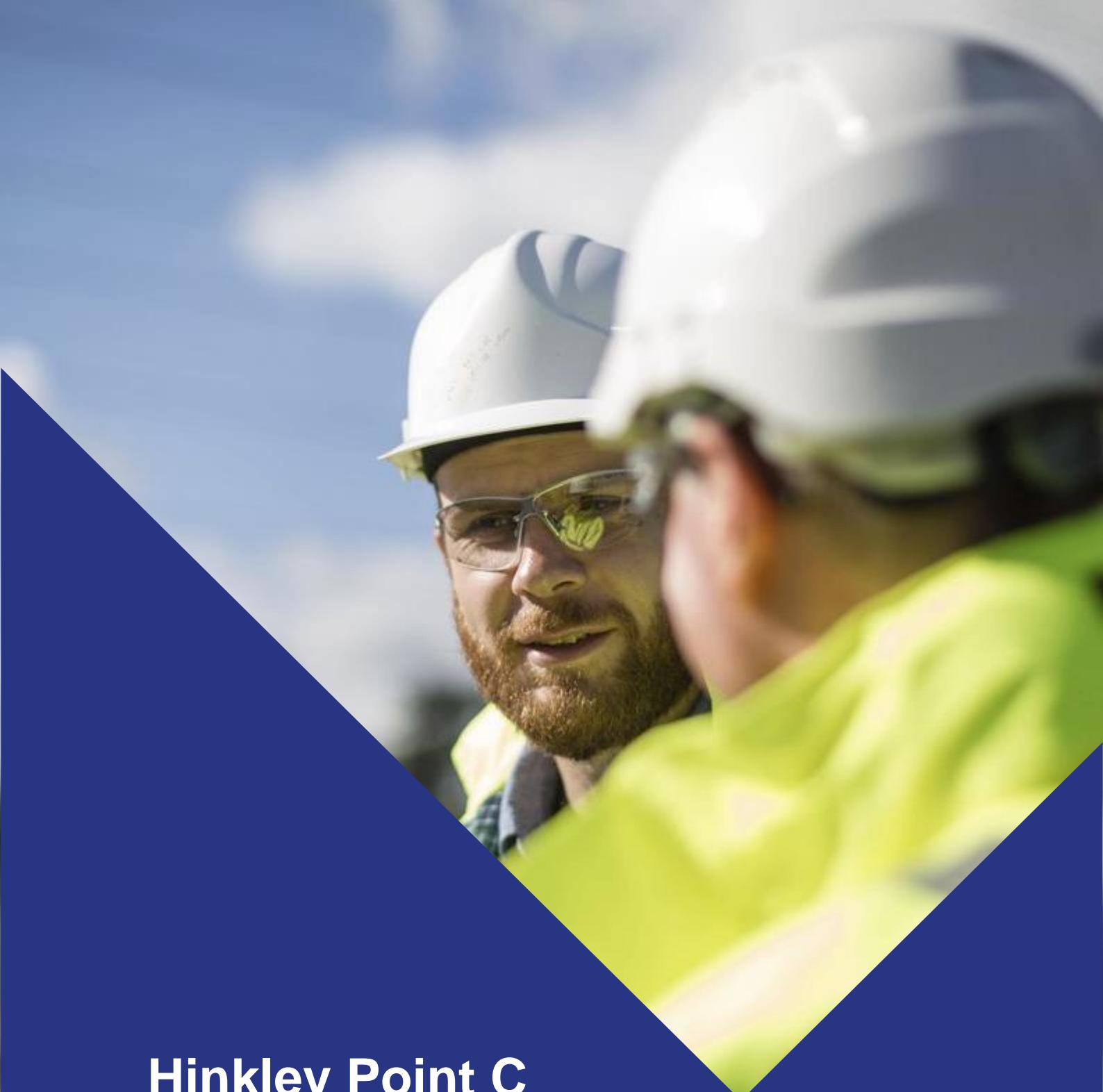
- 3.2.1 Minor works would be required to maintain highway safety on the proposed maintenance access routes, including visibility splays for vehicular access points as presented in Figure 3.3 Construction plans (Document 5.3.3.2). These works could include vegetation clearance and cutting hedges to maintain visibility and the laying of trackway to facilitate safe access over uneven or unstable ground. As at the time of the 2014 Original ES, it is not currently possible to anticipate exactly what works could be required in future along the new maintenance access tracks in order to facilitate access to the 2016 Project or when they would be carried out, as such works would only result from future inspections.
- 3.2.2 ES Project Description Chapter 3 – Paragraph 3.7.179 (Document 5.3.3) states that inspections would be undertaken every 2 years to: *“...identify if there are any visible faults or signs of wear and can also indicate if changes in plant or tree growth or development has occurred which may risk infringing safety clearances. Inspections would confirm when refurbishment is required.”*

- 3.2.3 In the 2014 Original ES, it was considered that temporary works to support maintenance activities could occur anywhere within the 2016 Order Limits (paragraph 3.7.265 of Chapter 3) on the basis that they would ensure the Authorised Development could be appropriately maintained throughout the lifetime of the 2016 Project. As set out in Section 2.2, it is clearly stated that these future maintenance works could involve the laying of temporary access tracks and the use of temporary trackway, though no further detail is provided regarding the works associated with laying temporary trackway or facilitating access.
- 3.2.4 The Material Change Application does not change these assumptions as such activities will still be required to facilitate access to the 2016 Project for the purposes of maintenance, and therefore no materially new or materially different significant effects are considered likely from the same works.
- 3.2.5 Notwithstanding this, it remains the Applicant's duty to review any proposed future maintenance or upgrade works, including obtaining an understanding of the environmental baseline at the time of such works, and ensure such works will not give rise to new or materially different environmental effects to ensure the rights granted by Article 4(1) apply. It is also the Applicant's duty to apply the measures set out in the Schedule of Operational Mitigation and Enhancement Measures (SOMEM) (Document 5.27) during any future maintenance activity.

nationalgrid

National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom
Registered in England and Wales
No. 4031152

nationalgrid.com



Hinkley Point C Connection DCO Material Change

**EIA Scoping Report Appendix 2.2 –
List of Assets included as part of the Proposed Development**

EN0210004

June 2025

nationalgrid

Table 1 Schedule of Assets on Indicative Access Routes for Ongoing Maintenance

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
PUR-CSE01	Bridgwater Tee CSE Compound	1	MC-A-001	Access track	New infrastructure	Y	Outside the 2016 Order Limits	A	Somerset Council	5
VQ043R-CR01	Bridgwater Tee CSE Compound	1	MC-A-001	Culvert	Project	Y	Outside the 2016 Order Limits	A	Somerset Council	5
VQ043R-CR02	Bridgwater Tee CSE Compound	1	MC-A-001	Culvert	Project	Y	Within 2016 Order Limits	A	Somerset Council	5
VQ043R-CR03	Bridgwater Tee CSE Compound	1	MC-A-001	Culvert	Project	Y	Within 2016 Order Limits	A	Somerset Council	5
VQ043R-CR04	Bridgwater Tee CSE Compound	1	MC-A-001	Culvert	Project	Y	Within 2016 Order Limits	A	Somerset Council	5
AC1 (VQ043R-CR01)	Bridgwater Tee CSE Compound	1	MC-A-001	Vehicular access point	Project	Y	Outside the 2016 Order Limits	A	Somerset Council	5
ZGA3-1	ZGA3	1	MC-A-002	Culvert	Landowner	Y	Within 2016 Order Limits	A	Somerset Council	5

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
AC-EZ3	ZGA3	1	MC-A-002	Vehicular access point	Landowner	N	Outside the 2016 Order Limits	A	Somerset Council	5
ZGA3-CR01	ZGA3	1	MC-A-002	Culvert	Landowner	Y	Outside the 2016 Order Limits	A	Somerset Council	5
Workpad ZGA4	ZGA4	1	MC-A-003	Work pad	Project	Y	Within 2016 Order Limits	A	Somerset Council	5
AC-EZ7	ZGA4	1	MC-A-003	Vehicular access point	Landowner	N	Outside the 2016 Order Limits	A	Somerset Council	5
ZGA8-ZGA7A-1	ZGA8	1	MC-A-004	Vehicular access point	Landowner	Y	Outside the 2016 Order Limits	A	Somerset Council	5

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
AC04	ZGA9	1	MC-B-100	Vehicular access point	Project	Y	Within 2016 Order Limits	B	Somerset Council	5
ZGA11-1	ZGA11	1	MC-B-101	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	5
ZGA12-CR01	ZGA12	1	MC-B-102	Culvert	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	5
AC8 (ZGA12-CR01)	ZGA12	1	MC-B-102	Vehicular access point	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	5
LD3-CR09	LD2	1	MC-B-104	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	5

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD3-CR08	LD2	1	MC-B-104	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	5
AC-E3	LD3	1	MC-B-104	Vehicular access point	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	5
LD3-1	LD3	1	MC-B-104	Culvert	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	5
LD4-1	LD4	1	MC-B-105	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	5
AC-E4	LD4	1	MC-B-105	Vehicular access point	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	5

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD4-2	LD4	1	MC-B-105	Culvert	Landowner	N	Outside the 2016 Order Limits	B	Somerset Council	5
LD5-1	LD5	1	MC-B-106	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	5
AC-E5	LD5	1	MC-B-106	Vehicular access point	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	5
LD9-CR07	LD6	1	MC-B-107	Culvert	Project	Y	Outside the 2016 Order Limits	B	Somerset Council	5
AC13 (LD9-CR07)	LD6	1	MC-B-107	Vehicular access point	Project	Y	Within 2016 Order Limits	B	Somerset Council	5

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD9-CR08	LD7	1	MC-B-107	Culvert	Project	Y	Outside the 2016 Order Limits	B	Somerset Council	5
LD9-CR09	LD7	1	MC-B-107	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	5
LD8-3	LD8	1	MC-B-108	Culvert	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	5
LD8-4	LD8	1	MC-B-108	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	5
LD9_LD8-2	LD9	1	MC-B-108	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	5
LD10-CR60A	LD10	1	MC-B-109	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	5

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD10-CR56	LD11	1	MC-B-110	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	5
LD12_LD11-1	LD12	1	MC-B-110	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	5
LD12_LD11-2A	LD12	1	MC-B-110	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	5
LD12_LD11-3	LD12	1	MC-B-110	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	5
AC24 (LD10-CR51)	LD13	1	MC-B-111	Vehicular access point	Project	Y	Within 2016 Order Limits	B	Somerset Council	5
LD10-CR51	LD13	1	MC-B-111	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	5
LD14-1	LD14	1	MC-B-112	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	5
LD15-1	LD15	1	MC-B-113	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	5

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD16-1	LD16	1	MC-B-114	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	5
LD10-CR42	LD17	1	MC-B-115	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	4
AC27 (LD10-CR42)	LD17	1	MC-B-115	Vehicular access point	Project	Y	Within 2016 Order Limits	B	Somerset Council	4
LD18-1	LD18	1	MC-B-116	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	4
LD10-CR36	LD19	1	MC-B-117	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	4
LD19-01	LD19	1	MC-B-117	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	4
LD19-02	LD19	1	MC-B-117	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	4
LD19-03	LD19	1	MC-B-117	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	4

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD19-04	LD19	1	MC-B-117	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	4
LD20-2	LD20	1	MC-B-118	Culvert	New infrastructure	N	Within 2016 Order Limits	B	Somerset Council	4
LD21B-1	LD21	1	MC-B-118	Culvert	Landowner	N	Outside the 2016 Order Limits	B	Somerset Council	4
LD21-04	LD21	1	MC-B-118	Culvert	Landowner	N	Outside the 2016 Order Limits	B	Somerset Council	4
LD22-1	LD22	1	MC-B-119	Culvert	Landowner	N	Outside the 2016 Order Limits	B	Somerset Council	4
LD23-1	LD23	1	MC-B-120	Culvert	Landowner	N	Outside the 2016 Order Limits	B	Somerset Council	4
LD10-CR25	LD23	1	MC-B-120	Culvert	Project	N	Within 2016 Order Limits	B	Somerset Council	4
LD10-CR25A	LD23	1	MC-B-120	Culvert	Project	N	Within 2016 Order Limits	B	Somerset Council	4

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD24B-3	LD24	1	MC-B-121	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	4
LD25-1	LD25	1	MC-B-122	Culvert	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	4
LD26-1	LD26	1	MC-B-123	Culvert	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	4
LD10-CR12	LD28	1	MC-B-124	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	4
LD10-CR13	LD28	1	MC-B-124	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	4
LD10-CR14	LD28	1	MC-B-124	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	4
LD10-CR15	LD28	1	MC-B-124	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	4
LD29-2	LD28	1	MC-B-124	Culvert	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	4

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD29-3	LD29	1	MC-B-124	Culvert	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	4
LD10-CR10	LD29	1	MC-B-124	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	4
LD10-CR11	LD29	1	MC-B-124	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	4
LD31-3	LD31	1	MC-B-125	Culvert	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	4
LD33_LD32-1	LD32	1	MC-B-126	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	4
LD38-CR03	LD32	1	MC-B-126	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	4
LD38-CR04	LD32	1	MC-B-126	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	4
LD38-CR02	LD33	1	MC-B-126	Culvert	Project	Y	Within 2016 Order Limits	B	Somerset Council	4

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD34-NCR01	LD34	1	MC-B-126	Culvert	New infrastructure	Y	Within 2016 Order Limits	B	Somerset Council	4
LD34-3	LD34	1	MC-B-126	Culvert	Landowner	N	Outside the 2016 Order Limits	B	Somerset Council	4
LD37-LD36-3	LD35	1	MC-B-127	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	4
LD35-3	LD35	1	MC-B-127	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	4
LD37-4	LD36	1	MC-B-127	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	4
AC-EJB1-2	JB1/2	1	MC-B-129	Vehicular access point	Landowner	Y	Within 2016 Order Limits	B	Somerset Council	4
JB1/2 - CR03	JB1/2	1	MC-B-129	Culvert	Landowner	Y	Outside the 2016 Order Limits	B	Somerset Council	4

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
JB1/2 - CR05	JB1/2	1	MC-B-129	Culvert	Landowner	N	Outside the 2016 Order Limits	B	Somerset Council	4
400-UG-CR38	JB 3/4	1	MC-C-201	Culvert	Project	Y	Within 2016 Order Limits	C	North Somerset Council	4
400-UG-CR60	JB 8/9	1	MC-D-300	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD41-1	LD41	1	MC-D-302	Culvert	Landowner	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD39-CR22	LD41	1	MC-D-302	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD42-1	LD42	1	MC-D-302	Culvert	Landowner	Y	Outside the 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD42-2	LD42	1	MC-D-302	Culvert	Landowner	N	Outside the 2016 Order Limits	D	North Somerset Council	3
LD39-CR21	LD43	1	MC-D-302	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD39-CR20	LD44	1	MC-D-302	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD39-CR19	LD44	1	MC-D-302	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD39-CR18	LD44	1	MC-D-302	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD39-CR16	LD45	1	MC-D-302	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD39-CR17	LD45	1	MC-D-302	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD39-CR13	LD46	1	MC-D-303	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD39-CR14	LD46	1	MC-D-303	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD39-CR11	LD47	1	MC-D-303	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD39-CR12	LD47	1	MC-D-303	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD39-CR09	LD48	1	MC-D-303	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
AC60 (LD39-CR08)	LD49	1	MC-D-303	Vehicular access point	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD39-CR08	LD49	1	MC-D-303	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD50-1	LD50	1	MC-D-304	Culvert	Landowner	Y	Outside the 2016 Order Limits	D	North Somerset Council	3
LD50-2	LD50	1	MC-D-304	Culvert	Landowner	Y	Outside the 2016 Order Limits	D	North Somerset Council	3
LD51-2	LD51	1	MC-D-305	Culvert	Landowner	Y	Outside the 2016 Order Limits	D	North Somerset Council	3
LD52-2 (LD53-CR02)	LD52	1	MC-D-306	Culvert	Landowner	Y	Outside the 2016 Order Limits	D	North Somerset Council	3
LD53-CR03	LD52	1	MC-D-306	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD53-CR05	LD53	1	MC-D-307	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD53-CR06	LD53	1	MC-D-307	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD53-CR07	LD53	1	MC-D-307	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD53_LD54-5	LD54	1	MC-D-307	Culvert	Landowner	N	Outside the 2016 Order Limits	D	North Somerset Council	3
LD55-1	LD55	1	MC-D-308	Culvert	Landowner	Y	Within 2016 Order Limits	D	North Somerset Council	3
AC65 (LD54-CR16)	LD56	1	MC-D-309	Vehicular access point	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD54-CR16	LD56	1	MC-D-309	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD54-CR15	LD56	1	MC-D-309	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD54-CR10.1	LD57	1	MC-D-310	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD54-CR11	LD57	1	MC-D-310	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD54-CR12	LD57	1	MC-D-310	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD58B-8	LD57	1	MC-D-310	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	3
LD54-CR09	LD58	1	MC-D-310	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
AC66 (LD54-CR08)	LD59	1	MC-D-310	Vehicular access point	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD54-CR08	LD59	1	MC-D-310	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD60-1	LD60	1	MC-D-311	Culvert	Landowner	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD60-2	LD60	1	MC-D-311	Culvert	Landowner	N	Outside the 2016 Order Limits	D	North Somerset Council	3
LD61A-1	LD61	1	MC-D-311	Culvert	Landowner	Y	Outside the 2016 Order Limits	D	North Somerset Council	3
LD61A-2	LD61	1	MC-D-311	Culvert	Landowner	N	Outside the 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
AC68 (LD54-CR01B)	LD62	1	MC-D-312	Vehicular access point	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD54-CR01A	LD62	1	MC-D-312	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD54-CR01B	LD62	1	MC-D-312	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD63-2	LD63	1	MC-D-313	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	3
LD62-CR01	LD65	1	MC-D-314	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD66-1	LD66	1	MC-D-315	Culvert	Landowner	Y	Within 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD70-CR01	LD67	1	MC-D-316	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	
AC73 (LD70-CR01)	LD67	1	MC-D-316	Vehicular access point	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD70-CR02A	LD67	1	MC-D-316	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD70-CR03A	LD67	1	MC-D-316	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
AC73B (LD70-CR04A)	LD68	1	MC-D-316	Vehicular access point	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD70-CR04A	LD68	1	MC-D-316	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
AC73C (LD70-CR05A)	LD68	1	MC-D-316	Vehicular access point	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD70-CR05A	LD68	1	MC-D-316	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD70-CR06A	LD68	1	MC-D-316	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD70_LD69-1	LD69	1	MC-D-317	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	3
LD70_LD69-2	LD69	1	MC-D-317	Bridge	Landowner	Y	Outside the 2016 Order Limits	D	North Somerset Council	3
LD69-5	LD69	1	MC-D-317	Culvert	Landowner	Y	Outside the 2016 Order Limits	D	North Somerset Council	3
LD69-7	LD69	1	MC-D-317	Culvert	Landowner	Y	Outside the 2016 Order Limits	D	North Somerset Council	3
LD69A-8	LD69	1	MC-D-317	Culvert	Landowner	Y	Outside the 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD70-6	LD70	1	MC-D-317	Culvert	Landowner	N	Partially Outside the 2016 Order Limits	D	North Somerset Council	3
LD70-CR11A	LD71	1	MC-D-317	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD70-3	LD71	1	MC-D-317	Culvert	Landowner	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD70-CR13	LD71	1	MC-D-317	Culvert	New infrastructure	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD71-1	LD71	1	MC-D-317	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	3
LD71-2	LD71	1	MC-D-317	Bridge	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD73B-1	LD72	1	MC-D-318	Culvert	Landowner	Y	Within 2016 Order Limits	D	North Somerset Council	3
LD73-2	LD72	1	MC-D-318	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	3
LD73-3	LD73	1	MC-D-318	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	3
LD73-4	LD73	1	MC-D-318	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	3
LD73-5	LD73	1	MC-D-318	Culvert	Landowner	Y	Within 2016 Order Limits	D	North Somerset Council	3

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD73A-6	LD73	1	MC-D-318	Culvert	Landowner	N	Outside the 2016 Order Limits	D	North Somerset Council	3
LD74_LD75-2	LD74	1	MC-D-318	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	2
LD74-3	LD74	1	MC-D-318	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	2
LD74-4	LD74	1	MC-D-318	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	2
LD75-3	LD75	1	MC-D-318	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	2
LD76_77-1	LD76	1	MC-D-318	Culvert	Landowner	Y	Within 2016 Order Limits	D	North Somerset Council	2

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD76-2	LD76	1	MC-D-318	Culvert	Landowner	Y	Within 2016 Order Limits	D	North Somerset Council	2
LD77-2	LD77	1	MC-D-318	Culvert	Landowner	Y	Within 2016 Order Limits	D	North Somerset Council	2
LD78-1	LD78	1	MC-D-319	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	2
LD79-1	LD79	1	MC-D-320	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	2
LD78-CR03	LD80	1	MC-D-321	Culvert	Project	Y	Within 2016 Order Limits	D	North Somerset Council	2
LD80-5	LD80	1	MC-D-321	Culvert	Landowner	Y	Partially Outside the 2016 Order Limits	D	North Somerset Council	2
LD80-6	LD80	1	MC-D-321	Culvert	Landowner	N	Partially Outside the 2016 Order Limits	D	North Somerset Council	2

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
AC88	LD81	1	MC-D-322	Vehicular access point	Project	Y	Within 2016 Order Limits	D	North Somerset Council	2
Workpad LD86	LD86	1	MC-E-402	Work pad	Project	N	Partially Outside the 2016 Order Limits	E	North Somerset Council	2
Workpad LD87	LD87	1	MC-E-403	Work pad	Project	Y	Partially Outside the 2016 Order Limits	E	North Somerset Council	2
LD88A-1	LD88	1	MC-E-404	Vehicular access point	Landowner	Y	Partially Outside the 2016 Order Limits	E	North Somerset Council	2
Workpad LD91	LD91	1	MC-E-405	Work pad	Project	Y	Within 2016 Order Limits	E	North Somerset Council	2
LD91_LD90-1	LD91	1	MC-E-405	Vehicular access point	Landowner	Y	Within 2016 Order Limits	E	North Somerset Council	2
LD92-1A	LD92	1	MC-E-406	Vehicular access point	Landowner	Y	Within 2016 Order Limits	E	North Somerset Council	2

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
Workpad LD92	LD92	1	MC-E-406	Work pad	Project	Y	Within 2016 Order Limits	E	North Somerset Council	2
Workpad LD93	LD93	1	MC-E-407	Work pad	Project	Y	Within 2016 Order Limits	E	North Somerset Council	2
LD93_92-1	LD93	1	MC-E-407	Vehicular access point	Landowner	Y	Within 2016 Order Limits	E	North Somerset Council	2
LD96A-4	LD96	1	MC-F-502	Culvert	Landowner	Y	Within 2016 Order Limits	F	North Somerset Council	2
LD97-1	LD97	1	MC-F-502	Vehicular access point	Landowner	Y	Within 2016 Order Limits	F	North Somerset Council	2
W-Route CR10	LD97	1	MC-F-502	Culvert	Project	Y	Partially Outside the 2016 Order Limits	F	North Somerset Council	2
W-Route CR11	LD99	1	MC-F-503	Culvert	Project	Y	Within 2016 Order Limits	F	North Somerset Council	2

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
W-Route CR12	LD99	1	MC-F-503	Culvert	Landowner	Y	Within 2016 Order Limits	F	North Somerset Council	2
W-Route CR13	LD99	1	MC-F-503	Culvert	Landowner	Y	Within 2016 Order Limits	F	North Somerset Council	2
LD99-CR01	LD99	1	MC-F-503	Culvert	Landowner	Y	Within 2016 Order Limits	F	North Somerset Council	2
LD99-CR02	LD99	1	MC-F-503	Culvert	Project	Y	Within 2016 Order Limits	F	North Somerset Council	2
LD99-CR03	LD100	1	MC-F-503	Culvert	Project	Y	Within 2016 Order Limits	F	North Somerset Council	2
LD99-CR04	LD100	1	MC-F-503	Culvert	Project	Y	Within 2016 Order Limits	F	North Somerset Council	2
LD99-CR05	LD100	1	MC-F-503	Culvert	Project	Y	Within 2016 Order Limits	F	North Somerset Council	2

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
BW-P-CR01	LD101	1	MC-F-503	Culvert	Project	Y	Within 2016 Order Limits	F	North Somerset Council	2
Workpad LD104	LD104	1	MC-G-603	Work pad	Project	Y	Within 2016 Order Limits	G	Bristol City Council	1
LD118-CR01	LD118	1	MC-G-610	Culvert	Project	Y	Within 2016 Order Limits	G	Bristol City Council	1
LD118-CR02	LD119	1	MC-G-610	Culvert	Project	Y	Within 2016 Order Limits	G	Bristol City Council	1
AC109 (G-Route-CR05)	LD120	1	MC-G-611	Vehicular access point	Project	Y	Within 2016 Order Limits	G	Bristol City Council	1
G-Route-CR05	LD120	1	MC-G-611	Culvert	Project	Y	Within 2016 Order Limits	G	Bristol City Council	1
G-Route-CR06	LD120	1	MC-G-611	Culvert	Project	Y	Within 2016 Order Limits	G	Bristol City Council	1
LD122-CR01A	LD121	1	MC-G-612	Culvert	Project	Y	Within 2016 Order Limits	G	Bristol City Council	1

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
AC110	LD123	1	MC-G-613	Vehicular access point	Project	Y	Within 2016 Order Limits	G	Bristol City Council	1
LD119-CR01	LD123	1	MC-G-613	Culvert	Project	Y	Within 2016 Order Limits	G	Bristol City Council	1
LD119-CR01B	LD123	1	MC-G-613	Culvert	Project	N	Outside the 2016 Order Limits	G	Bristol City Council	1
LD120-CR01	LD124	1	MC-G-613	Culvert	Project	Y	Within 2016 Order Limits	G	Bristol City Council	1
LD128-1	LD128	1	MC-G-616	Culvert	Landowner	Y	Within 2016 Order Limits	G	South Gloucestershire Council	1
LD121-CR05.1	LD128	1	MC-G-616	Culvert	Project	Y	Within 2016 Order Limits	G	South Gloucestershire Council	1
LD129-02A	LD129	1	MC-G-616	Culvert	Landowner	N	Outside the 2016 Order Limits	G	South Gloucestershire Council	1
LD127-CR01	LD131	1	MC-G-617	Culvert	Project	Y	Within 2016 Order Limits	G	South Gloucestershire Council	1

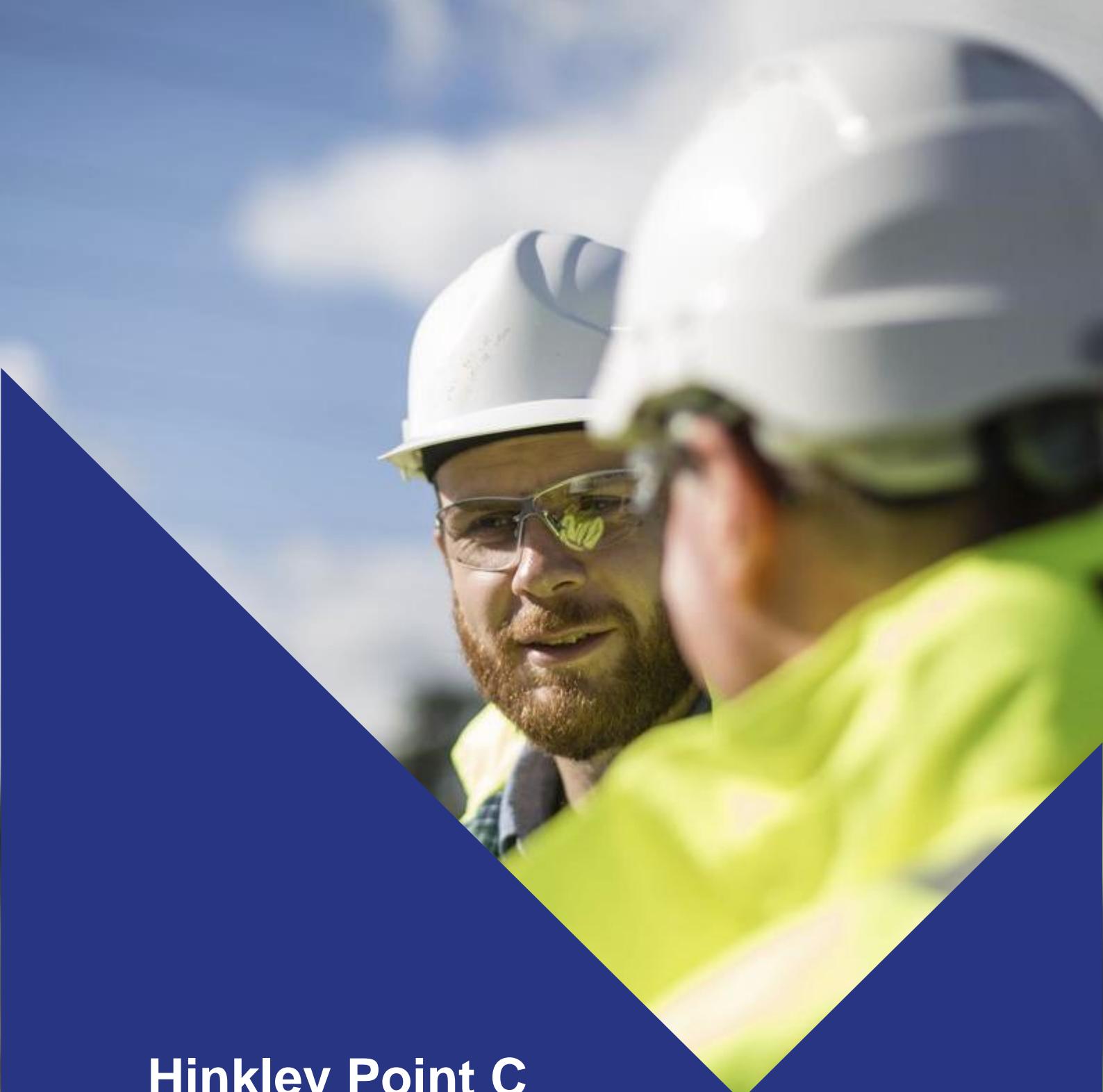
Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
AC112 (LD127-CR01)	LD131	1	MC-G-617	Vehicular access point	Project	Y	Within 2016 Order Limits	G	South Gloucestershire Council	1
VQ3C-BM01	ZZ2	1	MC-H-700	Vehicular access point	Project	Y	Within 2016 Order Limits	H	Somerset Council	6
STCV-001	ZZ2	1	MC-H-700	Culvert	Landowner	Y	Within 2016 Order Limits	H	Somerset Council	6
JP3-BM01	JP2	1	MC-H-700	Vehicular access point	Project	Y	Within 2016 Order Limits	H	Somerset Council	6
STCV-002	JP2	1	MC-H-700	Culvert	Landowner	Y	Within 2016 Order Limits	H	Somerset Council	6
LD2-1	LD2	2	MC-B-104-2	Culvert	Landowner	Y	All Outside our limits	B	Somerset Council	5
LD2-2	LD2	2	MC-B-104-2	Culvert	Landowner	Y	All Outside our limits	B	Somerset Council	5

Reference ID	Reference ID 2016 Authorised works to be accessed (Towers, T-Pylon, Underground Cable, Joint Bay, CSE Compound)	Option	Material Change Reference (Route ID)	Asset Type	Asset Construction Owner	Asset Within Order Limits	Working Area Confirmation	2016 DCO Section (A-H)	Relevant Local Authority	Sheet Numbers (Figure Number 2.1 and 2.3)
LD4-3	LD4	2	MC-B-105-2	Culvert	Landowner	Y	All Outside our limits	B	Somerset Council	5
LD4-4	LD4	2	MC-B-105-2	Culvert	Landowner	Y	All Outside our limits	B	Somerset Council	5
LD24-3	LD24	2	MC-B-121-2	Culvert	Landowner	N	Within OL	B	Somerset Council	4
LD56-1	LD56	2	MC-D-309-2	Culvert	Landowner	Y	Within OL	D	North Somerset Council	3
LD56-2	LD56	2	MC-D-309-2	Culvert	Landowner	Y	Within OL	D	North Somerset Council	3

nationalgrid

National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom
Registered in England and Wales
No. 4031152

nationalgrid.com



Hinkley Point C Connection DCO Material Change

**EIA Scoping Report Appendix 4.1 –
2016 Project Transboundary Screening Matrix**

EN0210004

June 2025

nationalgrid



Overview - Transboundary screening undertaken by the Secretary of State	
Project name:	Hinkley Point C Connection
Address/Location:	
Planning Inspectorate Ref:	EN020001
Date(s) screening undertaken:	First screening – 28 June 2013 following the applicant's request for a scoping opinion Second screening – 4 November 2014 following submission of the application documents
EEA States identified for notification:	First screening: None identified Second screening: None identified

FIRST TRANSBoundary SCREENING UNDERTAKEN BY THE SECRETARY OF STATE	
Document(s) used for transboundary Screening:	Environmental Impact Assessment Scoping Report, Hinkley Point C Connection Project (April 2013) ('the Scoping Report')
Date	28 June 2014
Screening Criteria:	Secretary of State Comments:
Characteristics of the Development	<p>The proposed development is a linear scheme, paragraphs 1.1.1 and 3.2.1 of the Scoping Report identify the following principal components of the proposed development:</p> <ul style="list-style-type: none">removal of the existing 132kV overhead line between Bridgwater Substation and Avonmouth Substationconstruction of a new 400kV connection between Bridgwater and Seabank Substationconstruction of a new 400kV/132kV grid supply point (GSP) substation on a site to the west of Nye Road, Sandford, North Somersetconstruction of 3 cable sealing end (CSE) compounds at interface points between overhead and underground connectionsinstallation of approximately 2km of 132kV line to provide a connection between the new substation at Sandford and an existing 132kV overhead line known as the 'AT Route'construction of a new 400kV substation in Aust, South Gloucestershireextension of the existing 400kV substation at Seabankmodifications to exiting overhead lines in the vicinity of the proposed Hinkley Point C nuclear power stationthe removal and undergrounding of approximately 8km of a 132kV overhead line known as the 'W Route' between Nailsea and the existing WPS Portishead Substation, andconstruction of temporary and permanent access tracks, temporary construction compounds and associated works.
Geographical area	The extent of the area of any likely impact under the jurisdiction of other EEA States has not been provided within the Scoping Report.
Location of Development (including existing use)	The proposed development is, approximately, a 54.4km linear scheme located within the administrative boundaries of Somerset, North Somerset, Sedgemoor, West Somerset, City of Bristol and South Gloucestershire in the south west of England.

	<p>A location plan is provided at Figure 1 of the Scoping Report.</p> <p>The proposed development site is predominantly low-lying and undulating agricultural land, of varying grades, and wetland surrounded and divided by low hills and ridges and with irregular field patterns defined by rhines. Winding rural roads and deep sunken lanes are common.</p> <p>The Scoping Report sub divides the development into seven sections, A to G and the Sandford Substation area, Aust Substation area and Hinkley Point line entries area. Section C includes the western extent of the Mendip Hills AONB. The eastern parts of Section F include part of the Portbury Settled Coastal Edge local landscape character area. Section G includes dockland and industrial activity associated with the Royal Portbury Dock and Avonmouth.</p> <p>A number of smaller towns, villages and scattered farmsteads are dispersed widely throughout the area and there are a number of major and minor roads and public footpaths and cycleways both in and around the site.</p> <p>The proposed route crosses a number of watercourses including: Kings Sedgemoor Drain; the Huntspill River; the River Brue; the River Axe; Lox Yeo River; the River Yeo and the River Avon.</p> <p>Sections of the route are also characterised by extensive networks of rhines, many of which are designated SSSIs. The proposed development passes through or adjacent to a number of woodland areas including: Banwell Wood and Priors Wood (ancient woodland) with the most extensive areas of woodland situated between Congresbury and the Avon Gorge and on the Failand Ridge.</p>
Cumulative impacts	Each of the topic chapters of the Scoping Report refers to cumulative impacts being assessed within the ES.
Carrier	Potential impact pathways include the transport of pollutants from the site by air, water and land.
Environmental Importance	<p><i>Designated Sites</i></p> <p>The Scoping Report identifies a number of designated sites within the potential influence of the development:</p> <ul style="list-style-type: none"> • The Severn Estuary SPA, SSSI, Ramsar, SAC • Somerset Levels and Moors SPA, Ramsar • North Somerset and Mendip Bats SAC • Mendip Limestone Grasslands SAC • Mendip Woodland SAC • Exmoor and Quantocks Oakwoods SAC • The Mendip Hills AONB • Biddle Street, Yatton SSSI • Tickenham Nailsea and Kenn Moors SSSI • Puxton Moor SSSI • Bridgwater Bay SSSI • River Avon SSSI

	<ul style="list-style-type: none"> • Crooke Peak to Shute Shelve Hill SSSI • Max Bog SSSI • Kings Wood and Urchins Wood SSSI • Banwell Ochre Caves SSSI, and • Aust Cliff SSSI. <p>A number of SNCIs, local and national nature reserves and local and county wildlife sites can also be found in the area of the proposed development.</p> <p>Within the route corridor and 250m buffer zone for new overhead line and underground cables between Bridgwater and Seabank, there are:</p> <ul style="list-style-type: none"> • six scheduled monuments • five conservation areas • two Grade I listed buildings • three Grade II* listed buildings, and • 58 Grade II listed buildings <p><i>Birds</i></p> <p>The Scoping Report refers to designated sites, mentioned above, such as The Severn Estuary SPA/SSSI/SAC and Ramsar site which is designated for a number of factors including internationally important populations of Annex I birds.</p> <p>Paragraph 6.5.14 of the Scoping Report onwards refers to bird surveys undertaken between January and October in 2012 with a winter bird survey being undertaken during 2012/2013. Details of the bird surveys have not been provided within the Scoping Report.</p> <p><i>Ecology</i></p> <p>The Scoping Report states that the ES will assess impacts on a number of sensitive species including: dormouse, bat, water vole, amphibian, otter, reptile and invertebrates.</p>
Extent	The Scoping Report does not describe the extent of potential impacts on another EEA State; however paragraph 6.9.2 of the Scoping Report does state that the preferred Route Corridor largely avoids the European designated sites but acknowledges that effects on qualifying features (i.e. species) while they are outside the designation boundaries, could occur. For example, potential bird mortality from overhead line collisions while moving to or from a designation. As such there is potential for the development to impact on these European sites although no details of specific bird species that may be affected have been provided at this stage.
Magnitude	No potential impacts identified which would be likely to affect another EEA State.
Probability	No potential impacts identified which would be likely to affect another EEA State.
Duration	No potential impacts identified which would be likely to affect another EEA State.

Frequency	No potential impacts identified which would be likely to affect another EEA State.
Reversibility	No potential impacts identified which would be likely to affect another EEA State.

Transboundary screening undertaken by the Secretary of State

Under Regulation 24 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2009 (as amended) (the EIA Regulations) and on the basis of the current information available from the Applicant, the Secretary of State is of the view that the proposed development **is not likely** to have a significant effect on the environment in another EEA State.

In reaching this view the Secretary of State has applied the precautionary approach (as explained in the Planning Inspectorate's Advice Note 12: Transboundary Impacts Consultation); and taken into account the information currently supplied by the Applicant.

Action: No further action required at this stage

Note: The Secretary of State's duty under Regulation 24 of the EIA Regulations continues throughout the application process.

SECOND TRANSBoundary SCREENING UNDERTAKEN BY THE SECRETARY OF STATE

Document used for transboundary Screening:	Environmental Statement (May 2014) ('the ES') The Applicant's Report to Support Habitats Regulations Assessment (May 2014) ('the HRA Report')
Date	Re-screened on 4 November 2014 following the acceptance of the DCO application.

Transboundary re-screening undertaken by the Secretary of State

Following the submission of the DCO application which included the Environmental Statement and the Applicant's HRA report the Secretary of State has reconsidered the transboundary screening decision undertaken on 28 June 2014.

The Secretary of State has identified the following matters that differ from those considered at the time of the previous transboundary screening decision:

- change in the description of the proposed development
- identification of additional European designated sites with the potential to be affected by the development.

Change in the description of the proposed development

The description of the development has changed from that provided in the Scoping Report. Paragraph 3.3.1 of the ES now summarises the development as:

- construction of a 57km 400kv electricity transmission connection between Bridgwater in Somerset and Seabank, near Avonmouth, comprising:
 - installation of a 400kV overhead line, and
 - installation of 400kv underground cables

- modifications to existing overhead lines at Hinkley Point, Somerset
- construction of three 400kv cable sealing end (CSE) compounds along the route of the connection
- construction for a 400/132kV substation at Sandford, North Somerset
- extension of the existing 400kV substation at Seabank
- the removal of existing 132kV overhead lines and the construction of replacement 132kV overhead lines and 132kV underground cables
- extensions/modifications to existing 132kV substations at Churchill, Portishead, Avonmouth and Seabank, and
- associated works, for example, temporary access roads, highway works, temporary construction compounds, scaffolding, work site and ancillary works.

The Scoping Report previously split the development into Sections A-G. This has been revised and this is now separated into Sections A-H.

The main differences identified include the removal of the grid supply points and the substation at Aust, South Gloucestershire from the description of the development, and further detail regarding the associated development. The former Hinkley Line Entries, Sandford Substation and associated 132kv connections have been merged to create Section H. Sections A-G remain the same.

LSE on Designated Sites

In addition to the 9 European designated sites with the potential to be affected by the development identified in the Scoping Report (see first transboundary screening dated 28 June 2014), an additional 7 sites have been screened into the HRA by the Applicant.

- Avon Gorge Woodlands SAC
- Bath and Bradford-on-Avon Bats SAC
- Chew Valley Lake SPA
- Mells Valley SAC
- River Wye SAC
- Wye Valley and Forest of Dean Bat Sites SAC
- Wye Valley and Woodland SAC

Of the 16 sites screened into the HRA, potential Likely Significant Effects (LSE) were identified on 10 of these sites which were taken forward to the Stage 2 assessment of effects on site integrity. These sites were:

- Bath and Bradford-on-Avon Bats SAC
- Exmoor and Quantock Oakwoods SAC
- Mells Valley SAC
- Mendip Limestone Grasslands SAC
- North Somerset and Mendip Bats SAC
- Severn Estuary SPA
- Severn Estuary Ramsar
- Somerset Levels and Moors Ramsar
- Somerset Levels and Moors SPA

- Wye Valley and Forest of Dean Bat Sites SAC

All of the sites listed above are located within the UK. The HRA Report concludes that there are no LSE on any of the sites (paragraphs Ex28 and Ex4, HRA Report). Taking into account the nature and location of the European Sites where potential effects have been considered, significant impacts on other EEA States are not anticipated.

Under Regulation 24 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2009 (as amended) (the EIA Regulations) and on the basis of the current information available from the applicant, there is no change to the previous conclusion, and the Secretary of State remains of the view that the proposed development **is not likely** to have a significant effect on the environment in another EEA State.

In reaching this view the Secretary of State has applied the precautionary approach (as explained in the Planning Inspectorate's Advice Note 12: Transboundary Impacts Consultation); and taken into account the information currently supplied by the Applicant.

Action: No further action required at this stage.

Date: 4 November 2014

Note: The Secretary of State's duty under Regulation 24 of the EIA Regulations continues throughout the application process

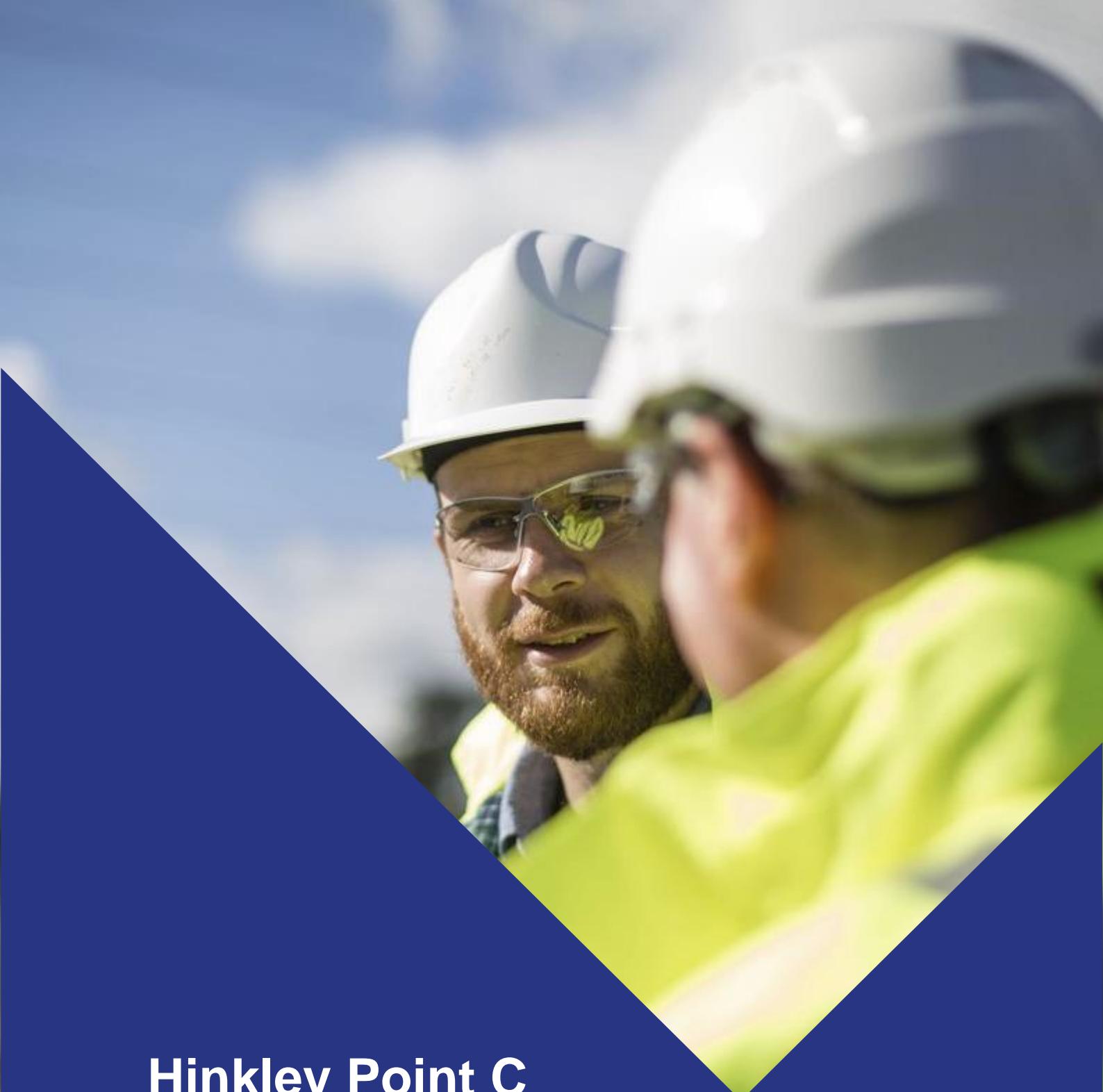
Note:

1. The Secretary of State's screening of transboundary issues is based on the relevant considerations specified in Annex 4 to Planning Inspectorate Advice Note 12 available on the Planning Inspectorate's website at <http://infrastructure.planningportal.gov.uk/legislation-and-advice/advice-notes/>

nationalgrid

National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom
Registered in England and Wales
No. 4031152

nationalgrid.com



Hinkley Point C Connection DCO Material Change

**EIA Scoping Report Appendix 11.1 –
Statutory and Non-Statutory Designated Sites and
Notable Species**

EN0210004

June 2025

nationalgrid

Contents

Table 1 International Statutory Designated Sites in order of Distance from EIA Scoping Boundary	1
Table 2 National and Local Statutory Designated Sites in order of Distance from EIA Scoping Boundary	3
Table 3 Non-Statutory Designated Sites in order of Distance from EIA Scoping Boundary	7
Table 4 Ancient Woodland Inventory Sites in order of Distance from EIA Scoping Boundary	13
Table 5 Baseline - Protected and notable Flora and Fauna within the EIA Scoping Boundary	14

Table 1 International Statutory Designated Sites in order of Distance from EIA Scoping Boundary

Designation	Site Name	Distance(m) from EIA Scoping Boundary	Orientation	Features
SAC	Severn Estuary	Within	n/a	Due to its tidal range (second highest in the world) it has communities that are characteristic of this extreme system of change. The internationally important habitats that are the primary reason for the selection of this SAC are: estuaries, mudflats & sandflats, Atlantic salt meadows, sandbanks and reefs. The internationally important species that are the primary reason for the selection of this SAC are the migratory fish species: sea lamprey <i>Petromyzon marinus</i> , river lamprey <i>Lampetra fluviatilis</i> , and twaite shad <i>Alosa fallax</i> .
SPA,	Severn Estuary	Within	n/a	The Severn Estuary SPA is designated for the internationally important habitats: (the estuaries, mudflats & sandflats, Atlantic salt meadows, sandbanks and reefs) which support the following qualifying bird features: Bewick's swan <i>Cygnus columbianus bewickii</i> ; Greater white-fronted goose <i>Anser albifrons albifrons</i> ; Dunlin <i>Calidris alpina alpina</i> ; Common Redshank <i>Tringa totanus</i> ; Common shelduck <i>Tadorna tadorna</i> ; Gadwall <i>Anas strepera</i> ; and the internationally important assemblage of >20,000 waterfowl; including the above species plus a further 10 x species of waterfowl which are nationally important. Encompasses Severn Estuary SSSI and Bridgwater Bay SSSI.
Ramsar	Severn Estuary	Within	n/a	The Severn Estuary qualifies against a number of Ramsar criteria including: the immense tidal range, unusual estuarine communities, migratory fish between sea and river via estuary (salmon <i>Salmo salar</i> , sea trout <i>S. trutta</i> , sea lamprey <i>Petromyzon marinus</i> , river lamprey <i>Lampetra fluviatilis</i> , allis shad <i>Alosa alosa</i> , twaite shad <i>A. fallax</i> , and eel <i>Anguilla Anguilla</i>), the fish assemblage of the whole estuarine and river system is one of the most diverse in Britain, with over 110 species, and it supports waterfowl assemblages of international importance.
SAC	Mendip Limestone Grasslands	4	South-East	The site is designated for its European dry heaths, semi-natural dry calcareous grasslands, Tilio-Acerion forests and cave systems. Greater horseshoe bats are also a qualifying feature of the site.
SAC	North Somerset & Mendip Bats	240	South-West	The site is designated for its semi-natural dry calcareous grasslands, Tilio-Acerion forests and cave systems which provide important hibernation habitat for lesser and greater horseshoe bats and maternity habitat for greater horseshoe bats.

SPA	Somerset Levels & Moors	1850	East	The Somerset Levels and Moors are in south-west England and are one of the largest and richest areas of traditionally managed wet grassland and fen habitats in lowland UK. Peat extraction in parts of the site has created areas of open water, fen and reedbed. The site attracts important numbers of wintering wildfowl and waders including qualifying species: Bewick's swan <i>Cygnus columbianus bewickii</i> ; Eurasian teal <i>Anas crecca</i> ; European golden plover <i>Pluvialis apricaria</i> ; northern lapwing <i>Vanellus Vanellus</i> ; and the waterbird assemblage.
Ramsar site	Somerset Levels & Moors	1850	East	The Ramsar site consists of a series of SSSIs within the largest area of lowland wet grassland and associated wetland habitat remaining in Britain. It covers about 35,000 ha in the flood plains of the Rivers Axe, Brue, Parrett, Tone and their tributaries. The site attracts internationally important numbers of wildfowl in winter and is one of the most important sites in southern Britain for breeding waders. Qualifying species/populations occurring at levels of international importance: Bewick's swan; Eurasian teal; and Northern lapwing. The site also supports 17 species of British Red Data Book invertebrates.
SAC	Avon Gorge Woodlands	3000	South-East	Tilio-Acerion forests of slopes, screes and ravines. Semi-natural dry grasslands and scrubland facies on calcareous substrates. It supports rare whitebeams including two unique to the Avon Gorge and other uncommon plants. It is also an important site for orchids.
SAC	Mendip Woodlands	3850	South-East	Designated for its <i>Tilio-Acerion</i> forests. The site holds a large population of common dormouse <i>Muscardinus avellanarius</i> .
SAC	Exmoor & Quantock Oakwoods	6000	South-West	This site is designated for its Annex I old sessile oak and alluvial forest habitats. The oak woodland supports a maternity roost of Barbastelle bats, and Bechstein's bats and otters are also present.
SAC	River Wye	8800	North	Contains water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>callitricho-Batrachion</i> vegetation and Transition mires and quaking bogs. Supporting white-clawed crayfish, sea lamprey, brook lamprey, river lamprey, twaite shad, Atlantic salmon, bullhead, allis shad and otter.
SPA	Chew Valley Lake	9900	East	Designated as an overwintering site for northern shoveler <i>Anas clypeata</i> .

Table 2 National and Local Statutory Designated Sites in order of Distance from EIA Scoping Boundary

Designation	Site Name	Distance (m) from EIA Scoping Boundary	Orientation	Features
SSSI	Biddle Street, Yatton	Within	n/a	The site contains a network of ditches and rhynes which support a diverse range of aquatic plants and invertebrates. Also includes the Congresbury Yeo River, which runs along the south west boundary. The SSSI thereby overlaps Congresbury Yeo Adjacent Land & Rhynes SNCI.
SSSI	Tickenham, Nailsea and Kenn Moors	Within	n/a	The site contains a network of ditches and rhynes which support a diverse range of aquatic plants and invertebrates. In particular, noteworthy populations of water beetle exist including 12 nationally rare species.
SSSI	Puxton Moor	Within	n/a	The site contains a network of ditches and rhynes which support a diverse range of aquatic plants and invertebrates.
SSSI	Bridgwater Bay	Within	n/a	The SSSI has an important bird population with approximately 190 species recorded on the reserve. Large numbers of wintering waders and waterfowl visit the site and some species use the area as a stop-off on migration routes.
SSSI	Severn Estuary	Within	n/a	The Estuary is designated for a variety of factors, which include coastal and intertidal habitats, migratory fish, invertebrates and internationally important populations of Annex 1 bird species, spring and autumn migratory bird species and wader and wildfowl assemblages. Part of Severn Estuary SAC SPA Ramsar site.
NNR	Somerset Wetlands	Within	n/a	The site comprises a mosaic of wet grassland, fen, mire, reedbed, lakes, waterways and wet woodland, transitioning into floodplain grazing marsh, salt marsh and intertidal mudflats as it reaches out onto the Severn Estuary. These habitats support a wide variety of insects, reptiles, birds and plants that are rarely found elsewhere. Its range of wetland habitats hold nationally and internationally important populations of wildfowl and wading birds. The majority of the site is designated as SSSI, SAC, SPA and Ramsar site.
LNR	Cheddar Valley Railway Walk	Within	n/a	The site is designated primarily for recreational reasons, however, it also forms a wildlife corridor connecting sites from Yatton to the Mendips.

Designation	Site Name	Distance (m) from EIA Scoping Boundary	Orientation	Features
LNR	Lamplighters Marsh	Within	n/a	Designated in 2016, an important wildlife corridor along the tidal river near the Bristol Channel, Shirehampton.
SSSI	Crook Peak to Shute Shelve Hill	4	South-East	The SSSI is designated for its woodland, calcareous grassland, acidic dry dwarf shrub heath and cave habitats. Four nationally rare and seven notable plant species are present. Greater Horseshoe Bats are a qualifying feature. A component part of the Mendip Limestone Grasslands SAC.
LNR	Lawrence Western Moor	200	South-East	Wet and dry wildflower meadows with a variety of birdlife. Criss-crossed with rhines that are home to water vole.
SSSI	Banwell Ochre Caves	240	South-West	This is a geological SSSI and will not be considered further in the Biodiversity and Nature Conservation chapter. The caves are a component site of the North Somerset and Mendip Bats SAC, the lesser and greater horseshoe bats are considered as part of the international designation.
SSSI	Shiplate Slait	370	North-West	Unimproved calcicolous grassland, some of which is mixed with dwarf-shrub, mosaics of calcicolous grassland and scrub and woodland. Supports four nationally rare grass species.
SSSI	Max Bog	400	South-East	This SSSI contains nationally rare calcareous lowland mire and wet grassland habitats which supports a rare grass species.
SSSI	Kenn Church, Kenn Pier & Yew Tree Farm	570	North-West	This is a geological SSSI and will not be considered further in the Biodiversity and Nature Conservation chapter.
SSSI	Yanal Bog	650	North-East	A calcicolous lowland mire with nationally rare plant communities associated with the peat surface.
LNR	Screech Owl	770	South-West	Mosaic of ponds, reed beds, scrub and grassland which supports a wide range of fauna. Flooded clay pits provide habitat for water voles and otters. Foraging site for Daubenton's and whiskered bats.
SSSI	Portishead Pier to Black Nore	810	North-West	This is a geological SSSI and will not be considered further in the Biodiversity and Nature Conservation chapter.
LNR	St George's Flower Bank	950	South	Rich unimproved neutral grassland.
LNR	Eastwood and Battery Point	980	North-West	Site contains ancient semi-natural woodland. Falls within Land adjacent to Severn Estuary SSSI (Portbury) SNCI.

Designation	Site Name	Distance (m) from EIA Scoping Boundary	Orientation	Features
LNR	Cheddar Valley Railway Walk	1050	South-East	The site is designated primarily for recreational reasons, however, it also forms a wildlife corridor connecting sites from Yatton to the Mendips.
SSSI	Blue Anchor to Lilstock Coast	1250	North-West	This is a geological SSSI and will not be considered further in the Biodiversity and Nature Conservation chapter.
SSSI	King's Wood and Urchin Wood	1300	North	One of the largest areas of ancient woodland remaining in Avon and is renowned for its botanical interest supporting nationally rare and scarce plant species. The site also supports nationally important populations of greater horseshoe bat and dormice and is a component site of the North Somerset and Mendip Bats SAC.
LNR	Buckland's Pool/Backwell Lake	1400	East	The site, originally built as a balancing pond in the 1970's, is now home to a diverse bird population, including gadwall, shoveller, pochard, tufted duck, grey heron, and mute swans. It also supports bats and dragonflies.
LNR	Cadbury Hill	1600	North-East	The site comprises ancient semi-natural woodland, scrub and unimproved grassland. Species of interest include marsh tit, noctule bat, slow worm, wood anemone, bluebell, betony, small scabious, rock rose, small leaved lime.
SSSI	Banwell Caves	1630	North-West	This site is a known hibernacula for greater horseshoe bats and a component site of the North Somerset and Mendip Bats SAC.
SSSI	Horseshoe Bend, Shirehampton	1700	East	The site is wooded river cliff and narrow fringe of saltmarsh on the north bank of the River Avon approximately 3km downstream of the Avon Gorge. Supports largest known English populations of the nationally rare true service-tree <i>Sorbus domestica</i> .
SSSI	Gordano Valley	1750	North-West	The site is an extensive, low-lying and poorly drained peat moor. Supports a wide variety of the wet-meadow, reedbed and carr communities which were once widespread on the levels and moors of Somerset. Valley is of botanical, ornithological, entomological and stratigraphic interest.
NNR	Gordano Valley	1750	North-West	The reserve is nationally important for its rich and diverse invertebrate fauna. There are 16 species of dragonfly along with 23 species of butterfly (notably grizzled skipper and grayling). Main habitats: woodland, grassland, fen meadow. More than 130 species of flowering plants. The NNR is part of the Gordano Valley SSSI.

Designation	Site Name	Distance (m) from EIA Scoping Boundary	Orientation	Features
SSSI	Court Hill	1800	West	This is a geological SSSI and will not be considered further in the Biodiversity and Nature Conservation chapter.
SSSI	Weston Big Wood	1860	West	Weston Big Wood is a fine example of mixed deciduous woodland, with a rich variety of plant species including rare whitebeams and purple gromwell. The presence of ancient woodland indicator species together with historical records of the site, all suggest that it is the remnant of an ancient forest.
SSSI	Catcott Edington and Chilton Moors	1880	East	Contains a diverse range of habitats ranging from ditches and mire habitat to unimproved meadows which provide suitable feeding and nesting sites for a wide range of birds. A diverse invertebrate fauna is associated with the ditch system including rare water beetles. Otters are present. Part of the Somerset Levels and Moors SPA Ramsar site.

Table 3 Non-Statutory Designated Sites in order of Distance from EIA Scoping Boundary

Designation	Site Name	Distance (m) from EIA Scoping Boundary	Orientation
SNCI	Abbot's Horn	Within	n/a
SNCI	Banwell Wood	Within	n/a
SNCI	Birch Wood and Prior's Wood	Within	n/a
SNCI	Congresbury Yeo, adjacent land and rhynes	Within	n/a
SNCI	Dismantled railway and adjacent fields, Winscombe	Within	n/a
SNCI	Drove Rhyne and adjacent fields	Within	n/a
SNCI	Fields on Caswell Moor	Within	n/a
SNCI	Fields west of Lower Caswell House	Within	n/a
SNCI	Land adjacent to Severn Estuary SSSI (Portbury)	Within	n/a
SNCI	Lox Yeo River	Within	n/a
SNCI	Nailsea and Tickenham Moors	Within	n/a
SNCI	Nursebatch Farm Fields	Within	n/a
SNCI	Portbury Dock Wood	Within	n/a
SNCI	Portbury Wharf	Within	n/a
SNCI	Portbury Wharf Nature Reserve	Within	n/a
SNCI	Puxton Moor SSSI (surrounding rhynes)	Within	n/a
SNCI	Rhynes south of Dolemoor Lane	Within	n/a
SNCI	Tickenham Hill - Cadbury Camp - Chummock Wood Complex	Within	n/a
SNCI	Towerhead Brook (part of) and adjacent land	Within	n/a
LWS	River Axe [Henley to Normal tidal I	Within	n/a
LWS	River Brue	Within	n/a
LWS	New Ground Covert	Within	n/a
LWS	Puriton rhynes and ponds	Within	n/a
LWS	Borrow Pit, Puriton	Within	n/a
LWS	Stoning Pound Field South and Stoni	Within	n/a
LWS	Little Wall Lane	Within	n/a
LWS	Bridgwater Bay NNR	Within	n/a
LWS	Hinkley	Within	n/a
WNS	Agricultural Land South of Railway	Within	n/a

Designation	Site Name	Distance (m) from EIA Scoping Boundary	Orientation
WNS	Land South of Poplar Way East	Within	n/a
WNS	Railway adjacent to Gloucester Road Sidings	Within	n/a
WNS	Land West of King Street	Within	n/a
WNS	Land South of King Road Avenue	Within	n/a
WNS	Land between LWR Rhine and Poplar Way East	Within	n/a
WNS	Land South of Sewage Treatment Works	Within	n/a
WNS	Land Between M49 and M5	Within	n/a
WNS	Land between LWR Rhine and Salt Rhine, East of M49	Within	n/a
WNS	Railway line South of Hallen	Within	n/a
WNS	Land around Moor House Caravan Park	Within	n/a
WNS	Land South West of Kings Weston Lane Rhine	Within	n/a
WNS	Docks Railway Line	Within	n/a
WNS	South West of Seabank Power Station	Within	n/a
WNS	Crook's Marsh	Within	n/a
WNS	Rhine bordering former Sevalco Site North	Within	n/a
WNS	Hallen Marsh Agricultural Land	Within	n/a
WNS	Land around Hallen Farm	Within	n/a
WNS	Land West of M49 & South of Moorhouse Rhine	Within	n/a
WNS	Land West of M49 & North of Moorhouse Rhine	Within	n/a
SNCI	Fields along M5, Hallen	Within	n/a
SNCI	Gloucester Road Railway Sidings	Within	n/a
SNCI	Kings Weston Lane Rhine	Within	n/a
SNCI	Lawrence Weston Road Rhines	Within	n/a
SNCI	Moorhouse Farm and Stuppill Rhines	Within	n/a
SNCI	Salt Rhine and Moorhouse Rhine	Within	n/a
SNCI	Severn Estuary	Within	n/a
WNS	Land between Moorend farm Ave and Moorhouse Lane	2	North
SNCI	Avonmouth Sewage Works and Hoar Gout	6	South-West
WNS	Former Shell Tank Site	8	South-West
SNCI	West End Meadows, Nailsea	15	South
WNS	Land South West side of Poplar Way West	17	North-West

Designation	Site Name	Distance (m) from EIA Scoping Boundary	Orientation
WNS	Land West of Packgate Road	18	West
SNCI	Lamplighter's Marsh	25	South-East
LWS	Beeches Ponds	35	South-West
SNCI	Fields north of Upper Caswell Farm	37	South-West
WNS	Land North East of Lawrence Weston Bowl	56	South-East
SNCI	Towerhouse Wood and adjacent fields	60	South
WNS	Land North West of Long Cross Tip	61	South-East
SNCI	Long Cross Tip	75	South-East
WNS	St. Bede's catholic College Playing Fields	93	South-East
SNCI	Summerhouse Wood	97	South-East
SNCI	Batch Farm Meadow	106	South-West
WNS	Land between Poplar Way East and Salt Rhine	108	North-East
SNCI	Horsecastle Pond, Yatton	116	North-East
WNS	Land North East side of Poplar Way West	121	North
SNCI	Barton Hill to Church Knoll	130	South-East
WNS	Lawrence Weston Road Sports Field	141	East
SNCI	Lawrence Weston Bowl	145	South
SNCI	Field east of M5 Motorway, Lodway	150	South-East
LWS	South Hills Wood	175	South-West
LWS	Woolavington Road and Fields North	185	North-West
SNCI	Lawrence Weston Moor	205	South-East
SNCI	Barracks Lane Rhine Complex	235	South
WNS	Barracks Lane Open Space and Rugby Pitches	260	South-East
WNS	Portway Allotments	265	South-East
LWS	Orchard at Bawdrip	270	North-East
WNS	Land West of Lawrence Weston Bowl	275	South-East
SNCI	Max Bog, Winscombe Brook and adjacent fields	275	South
WNS	Lawrence Weston Community Farm	280	South-East
SNCI	Sandford Hill and Lycombe Wood	280	North-East
SNCI	Field east of Court House	310	South-West
WNS	Atwood Allotments	315	East

Designation	Site Name	Distance (m) from EIA Scoping Boundary	Orientation
SNCI	Cockheap Wood, Dunhill Wood and Pasonage Wood complex	315	North-West
WNS	Diverted section of Salt Rhine	315	North-East
WNS	Avon Primary School Playing Fields	320	South-East
SNCI	Fields adjacent to M5 Motorway, Portbury	330	North-East
SNCI	Fields between railway line and A369, Portbury	335	South
SNCI	Gordano Valley, Clapton Moor, Middle Bridge and rhynes	340	West
WNS	Coastal belt adjacent to railway line	345	West
SNCI	St. Andrews Road Rhine	360	North
LWS	Upper Dunwear Brick Pits	390	South-West
WNS	North West of Seabank Power Station	400	North
SNCI	Black Horse field	410	South-West
WNS	Merrimans Drive Open Space	420	South-East
SNCI	Severn Estuary SSSI (part of) - New Passage to Chittering Warth	420	North-West
WNS	Land East of Lawrence Weston Moor	425	East
WNS	Land North of Barracks Lane Rhine	425	South-East
WNS	Rhine between Merebank and Smoke Lane	425	South-West
SNCI	Fields from Whitley Head to Winthill House	455	North-West
SNCI	Field north of Clevedon Lane, Clapton-in-Gordano	460	West
LWS	Puriton Cowslip Field	465	North-West
SNCI	Fields along Youngwood Lane	480	East
WNS	Saltmarsh Drive Open Space	490	South-East
SNCI	Fields between A396 and M5 Motorway, Portbury	495	South
WNS	Spoil heap West of Sewage Treatment Works	500	South-West
SNCI	Breach Wood (Wraxall and Failand)	500	East
WNS	Honda Pools	510	North
LWS	Mud House Copse	510	South
SNCI	Meadows on Wavering Down	555	South
WNS	Rhine between Albermarle & units on Burcott Road	560	West
WNS	Bankleaze Primary School Playing Fields	565	South-East
SNCI	River Avon (part of)	570	South-East
SNCI	Fields above Lawrence Weston Moor	570	South-East

Designation	Site Name	Distance (m) from EIA Scoping Boundary	Orientation
SNCI	Mooseheart Wood	585	South-East
SNCI	Conygar Hill and stream	600	East
LWS	Chedzoy Glebe Land	600	North-East
LWS	Skylark Meadows	605	East
SNCI	Yanal Bog and adjacent rhyne	615	North-East
LWS	Wick Park Covert	630	South
WNS	Landscaping around Constellation Park	640	West
WNS	Henacre Open Space	655	South
LWS	Express Park	660	West
SNCI	Rust Lane Borrow Pool and meadows	665	North-West
SNCI	Barleycombe and M5 motorway cutting	685	North-West
LWS	River Parrett, Middle Moor to Scree	740	South-West
SNCI	Penpole Wood and Quarry	765	South-East
SNCI	Spaniorum Hill	765	East
LWS	Puriton Ash Ground	770	North
LWS	Poplar Farm Riverside Fields	780	South-East
LWS	Screech Owl	785	South-West
SNCI	Stowey Fields and Rhynes	785	East
LWS	Cellophane Pits	805	South
LWS	Dunwear Brick Pits	810	West
SNCI	Nicholas Wood	830	South-West
SNCI	River Banwell (part of)	835	South
LWS	Somerset Bridge Ponds	870	West
LWS	Puriton Meadows	870	West
SNCI	Banwell Hill	880	North-West
SNCI	Haw Wood and Mount Skitham	910	East
SNCI	St Georges Flower Bank	935	South
SNCI	The Mount, Portbury	935	East
SNCI	West Park Wood - north of M5	955	North-West
LWS	North Mead Drove Fields	960	West
SNCI	The Tump	985	South

Designation	Site Name	Distance (m) from EIA Scoping Boundary	Orientation
SNCI	Longlands Wood	990	South

For the features of the SNCIs, LNRs and WNSs see Volume 5.8.2 Appendix 8A of the Original ES.

Table 4 Ancient Woodland Inventory Sites in order of Distance from EIA Scoping Boundary

Name	Distance from EIA Scoping Boundary (m)	Approx. Direction (N, E, S, W)
Banwell Wood	Within	n/a
Buddings Wood	Within	n/a
Chummock Wood	Within	n/a
Moggs Wood	Within	n/a
_no name A	25	South East
Summerhouse Wood	100	North West
Towerhouse Wood	155	North
High Wood	270	South East
_no name B	280	North
Parsonage Wood	315	South East
Dunhill Wood	350	East
Lyncombe/Sandford Woods	460	South West
Breach Wood	500	West

Table 5 Baseline - Protected and notable Flora and Fauna within the EIA Scoping Boundary

Species/ species group	Description (updates since 2014 Original ES)
Invasive Non-Native Species (INNS)	<p>The following INNS were recorded within or adjacent to the 2016 Order Limits during surveys to inform the 2014 Original ES: giant hogweed (<i>Heracleum mantegazzianum</i>), Himalayan balsam (<i>Impatiens glandulifera</i>), giant rhubarb (<i>Gunnera manicata</i>) and cotoneaster species (<i>Cotoneaster</i> spp.), variegated yellow archangel (<i>Lamium galeobdolon</i>), Virginia creeper (<i>Parthenocissus quinquefolia</i>), Japanese knotweed (<i>Reynoutria japonica</i>), waterweeds (<i>Elodea</i> spp. or <i>Lagarosiphon</i> sp.) including Nuttall's waterweed (<i>Elodea nuttallii</i>) and water fern (<i>Azolla filiculoides</i>).</p> <p>Therefore, as part of the CEMP (Volume 5.26.3C) Appendix 2 Biodiversity Mitigation Strategy, an Invasive Terrestrial Plants Method Statement and a Method Statement for invasive aquatic plants was implemented to ensure the invasive species are contained, removed and to avoid dispersal.</p> <p>These method statements were implemented during the pre-construction ECoW checks, during which occasional INNS were identified. The surveys at Stage 7.1, from 2020 to 2023, recorded Himalayan balsam and undertook a pre-check for an area which previously had Japanese knotweed although none was present. The ECoW checks at Stage 10.1, from 2021 to 2024, identified giant hogweed, Himalayan balsam and Japanese knotweed.</p>
Bats	<p>Roosting bats Stage 10.1 (north): Update bat roost surveys of Stage 10.1 were undertaken in 2020. A total 575 trees were subject to preliminary roost assessments (PRA). Of these, 214 were assessed as having moderate or high suitability to support roosting bats or were confirmed as bat roosts during previous surveys (2014 and 2018). The 214 trees were subject to further surveys where identified to be impacted by Stage 10.1, this broadly was taken to be where trees fell within 40m of any proposed construction works associated with the 2016 Project. Further surveys comprised aerial inspections and emergence/ re-entry surveys. The results of the update surveys were: 17 roosts (including 2 bat boxes on 1 tree); 83 trees with high suitability to support roosting bats; 131 trees with moderate suitability to support roosting bats; and 308 trees with low suitability to support roosting bats. All 17 confirmed roosts were classed as low conservation status, due to supporting low numbers of common species.</p> <p>To inform the bat licence for the removal of the 132kV OHL (F Route north), a preliminary roost assessment (PRA) was conducted in 2022 on all the trees within 30m of the 2016 Order Limits and proposed access routes for the F Route dismantling works¹. A total of eight trees were identified with either moderate or high roost potential. Of these, two were confirmed as roosts during subsequent dusk and dawn surveys also in 2022. It was possible to avoid impacts to both and works in the vicinity therefore did not require licencing.</p> <p>Roosting bats Stage 7.1 (south): Update bat roost surveys were undertaken of Stage 7.1 in 2019, identifying 34 trees with bat roost potential. Seven of these were subsequently confirmed as supporting active roosts of common species in low numbers. Five of these seven</p>

¹ EcoVigour (2022) Hinkley Point C Connection –132 KV (F&G Route) Removal: Bat Surveys (Appendix K of Stage 10.1 BMS Addendum Revision E).

Species/ species group	Description (updates since 2014 Original ES)
	<p>roosts were to be impacted by the Project, requiring felling to maintain OHL safety clearances. A full suite of emergence/dawn re-entry surveys were conducted at Ashtrees Farm in 2019, which identified five active roosts in different areas of the main farmhouse building, all of which required destruction during building demolition. Two of these were low value common pipistrelle day roosts of low numbers, one was a moderate value lesser horseshoe bat night roost of moderate numbers, and two were high value lesser horseshoe roosts (one maternity and one hibernation) of higher numbers.</p> <p>These update survey results for both stages generally reflect those obtained during the surveys for the 2014 Original ES, with regard to the number and value of roosts identified, with the exception of Ashtrees Farm. Ashtrees Farm was classed as low conservation significance within the 2014 Original ES, but was subsequently found to support high value roosts in 2019.</p> <p>Works proceeded on tree roosts in line with the Project BMS and relevant Natural England licence Method Statements. An updated Method Statement was produced for Ashtrees Farm, which included building a bat barn to provide a range of roosting features suitable for night roosts, hibernation and maternity roosts for lesser horseshoe bats.</p> <p>Foraging and commuting bats: there have been no update activity surveys for bats since the surveys to inform the 2014 Original ES.</p> <p>Where temporary assets have been removed and habitats reinstated as part of the 2016 Project, bats are now able to resume their foraging and commuting routes. Where temporary assets remain, bat assemblages would either be crossing the temporary assets or using alternative routes adopted during the early stages of the construction of the 2016 Project.</p>
Dormouse	<p>A precautionary approach was detailed within the Project's BMS (and the BMS Addendums) and adopted during construction, with hedges to be removed in areas within 1km of known dormouse records being subject to a pre-construction check for the species and dead hedging used to maintain connectivity where necessary. When adopting this precautionary approach, no dormouse evidence was recorded by ECoWs in the available weekly/monthly ECoW reports. Furthermore, dormouse surveys of hedgerows within Stage 10.1 were conducted in 2022 with no fresh evidence of dormouse found. Suitable habitats within the 2016 Order Limits were reviewed in 2019 for Stage 7.1 and found to still be sub-optimal, with no further survey conducted.</p>
Otter	<p>A precautionary approach was detailed within the Project's BMS (including an Otter Method Statement) and adopted during construction, which included pre-construction checks for otter signs and breeding or resting places. During these checks, otter spraints and footprints were identified in January 2020 on Stage 7.1 and an old otter spraint was identified in August 2022 on Stage 10.1. No other field signs or breeding/resting locations were reported on.</p> <p>Update otter surveys were conducted in 2020 for Stage 7.1 and no otter holts were identified. In 2022, EcoVigour completed updated otter surveys along the Stage 10.1 route. Otter prints were identified on the north bank of the River Kenn, but no otter holts were identified in the DCO Section F and G route areas.</p>
Water vole	<p>The ECoW for the 2016 Project keep up-to-date data on water vole presence. Whenever works are proposed within the 2016 Order Limits, pre-construction surveys are conducted to check for the presence of water vole in affected ditches. Most recently surveys were to inform</p>

Species/ species group	Description (updates since 2014 Original ES)
	works along various sections of the 2016 Project to remove project assets and reinstate habitats (2023 and 2024). There is currently one Natural England water vole licence held for the south and one for the north of the 2016 Project covering all consented works.
Birds	<p>No specific update bird surveys have been conducted since the surveys to inform the 2014 Original ES. However, bird species identified in pre-construction checks have been included in the monthly/weekly ECoW reports. Cetti's warbler is the only Schedule 1 species that has been recorded for either stage. Skylark (<i>Alauda arvensis</i>) was the only BoCC red listed species recorded which was on Stage 10.1. BoCC amber-listed species across Stage 7.1 and Stage 10.1 included rook (<i>Corvus frugilegus</i>), wren (<i>Troglodytes troglodytes</i>), mallard (<i>Anas platyrhynchos</i>) and dunnock (<i>Prunella modularis</i>), woodpigeon (<i>Columba palumbus</i>), moorhen (<i>Gallinula chloropus</i>), kestrel (<i>Falco tinnunculus</i>) and mallard.</p> <p>Other bird species recorded comprised treecreeper (<i>Certhia familiaris</i>), long tailed tit (<i>Aegithalos caudatus</i>), blue tit (<i>Cyanistes caeruleus</i>), blackbird (<i>Turdus merula</i>), pied wagtail (<i>Motacilla alba</i>), robin (<i>Erithacus rubecula</i>), jackdaw (<i>Corvus monedula</i>), pigeon (<i>Columba</i> sp.), carrion crow (<i>Corvus corone</i>), chiffchaff (<i>Phylloscopus collybita</i>), magpie (<i>Pica pica</i>), pheasant (<i>Phasianus colchicus</i>), warblers, mute swan (<i>Cygnus olor</i>), common buzzard (<i>Buteo buteo</i>), peregrine falcon (<i>Falco peregrinus</i>), chaffinch (<i>Fringilla coelebs</i>) and goldfinch (<i>Carduelis carduelis</i>).</p> <p>Barn owl boxes have been provided or relocated as part of the 2016 Project to mitigate effects in accordance with the BMS. Surveys of two existing barn owl boxes and one known tree roost in 2022 identified barn owl evidence in one box and the known tree roost.</p>
Amphibians (including great crested newt)	Update surveys in 2020 and 2022 on Stage 10.1 and in 2019 on Stage 7.1 confirmed presence of small and medium populations across the survey areas. At the time of writing there are several areas where great crested newt are still trapped and translocated out of construction areas under licence and this would continue, during the active season, until the reinstatement of habitats is complete in each area. Pre-construction ECoW checks (conducted in line with the Common Toad Method Statement and the Project BMS) also recorded moderate numbers of common amphibians, with higher numbers recorded across Stage 10.1 than Stage 7.1.
Badger	<p>All works within 30m of known badger setts were therefore carried out under a Natural England licence, with a Badger Method Statement included within the Project BMS. These pre-construction ECoW checks monitored activity levels at known setts and identified creation of several new setts during construction of the Project.</p> <p>A comprehensive update survey was conducted in 2019 for Stage 7.1 which identified 18 active outlier setts, 3 active subsidiary setts and 14 inactive outlier setts. Comprehensive update surveys for Stage 10.1 were completed in 2020 and 2022. The 2020 survey identified ten active main setts; 18 active, 11 inactive, four disused and four closed outlier setts; two active and three inactive annexe setts; three active, one inactive and two closed subsidiary setts; and one active sett of unconfirmed type. The 2022 survey identified four active and four inactive setts.</p>
Reptiles	Pre-construction ECoW checks continued to find relatively low numbers of grass snakes, slow worm and common lizard across Stage 7.1 and Stage 10.1 over the years of construction. For Stage 7.1, this included three adult and two juvenile grass snakes in 2020, one adult grass snake in 2022 and two adult grass snakes 2023. For Stage 10.1, this included three grass snakes (including two juveniles) and four

Species/ species group	Description (updates since 2014 Original ES)
	<p>slow worms in 2021, one grass snake and one slow worm in 2022, two grass snakes and 11 slow worms in 2023 and two slow worms in 2024.</p> <p>Walkover surveys of Stage 7.1 in 2019 and Stage 10.1 in 2022 confirmed no major changes to habitats or alterations in land management, and the risk of reptiles being present was considered to be unchanged since 2014.</p>
Other mammal SPIs	ECoW pre-construction checks identified relatively low numbers of SPIs, including three records of brown hare between June and July 2023 on Stage 7.1 and eight records between 2022 and 2024 on Stage 10.1. No records of other SPIs were reported within the ECoW reports.
Fish	Due to the presence of protected fish species, a precautionary approach was adopted through a Fish Method Statement, as detailed in the Project's BMS, with any de-watering work conducted under ECoW supervision with fish rescue and translocation. ECoW reports identified presence of European eels and other common freshwater fish on Stage 7.1, and European eels (including elvers), juvenile loach (<i>Cobitoidea</i>) and other common freshwater fish on Stage 10.1.
Terrestrial and aquatic invertebrates	An Invertebrate Method Statement was produced to mitigate potential impacts within more valuable habitats (those suitable to support rare or endangered invertebrates), as detailed within the Project's BMS. During the ECoW pre-construction checks a range of invertebrates were recorded, whilst ensuring the Invertebrate Method Statement was implemented to mitigate impacts. The pre-construction checks at Stage 7.1, from 2020 to 2023, recorded the lesser silver water beetle (<i>Hydrochara caraboides</i>) (WCA 1981 and IUCN Near Threatened) and other common invertebrates. The pre-construction checks at Stage 10.1, from 2021 to 2024, recorded a range of common invertebrates.

nationalgrid

National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom
Registered in England and Wales
No. 4031152

nationalgrid.com

nationalgrid

National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom
Registered in England and Wales
No. 4031152

nationalgrid.com