Hampshire Water Transfer and Water Recycling Project

Environmental Statement – Appendix 5.5 Commitments Register

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PLANNING INSPECTORATE SCHEME NUMBER: WA010002

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1 Introduction

1.1 Purpose of document

1.1.1 This Commitments Register sets out the environmental commitments made in the Environmental Statement (ES) for the Hampshire Water Transfer and Water Recycling Project (hereafter referred to as the 'Proposed Development') and identifies the means by which each will be secured. The purpose of this document is to:

1. Detail the mitigation measures on which the ES relies to avoid, prevent, and/or reduce any likely significant adverse effects of the Proposed Development, where appropriate, including remediation. This also includes measures or monitoring that provides beneficial outcomes for the Proposed Development.
2. Set out the way in which commitments have been, or will be, translated into clear and enforceable controls; either via Development Consent Order (DCO) Requirements, Section 106 agreements, or matters regulated under certain other consent regimes, e.g. environmental permitting.

1.1.2 The Commitments Register (Table 1) will be kept as a 'live' document so it can be updated through the Examination process and beyond to ensure it captures all relevant issues, providing certainty that the DCO and ES are consistent. The Planning Inspectorate (2025) Nationally Significant Infrastructure Projects: Commitments Register advice states [1]:

> *"The purpose of a Commitments Register is to track commitments made by the applicant throughout the NSIP [Nationally Significant Infrastructure Project] planning process, including post decision, including, detailed design, procurement, construction, operation and decommissioning."*

1.1.3 As the Proposed Development is not seeking consent for decommissioning activities, these have not been included in the register.

1.2 Types of securing mechanisms for commitments

1.2.1 The ES and this Commitments Register make reference to a number of documents that describe mitigation measures or enhancements in more detail. Some of these documents, for example, the Outline Construction Environmental Management Plan (CEMP) (Document reference 7.1, DCO Volume 7), are submitted with the application for development consent; others are to be prepared and submitted by the Applicant or their Contractor at an appropriate point in the future. The need to comply with the commitments set out in these securing documents is prescribed Schedule 2 to the draft DCO (Document reference 3.1, DCO Volume 3). The DCO management plans which secure certain commitments, and their interaction with other DCO documentation and agreements, can be seen in section 1.3.

1.2.2 The various means by which mitigation or enhancements are or will be secured are described in the following sections, covering design, construction and operation. Decommissioning works are assumed to follow good industry practice and comply with all relevant statutory requirements applicable at the time of the

works, but consent is not being sought for decommissioning activities. For that reason the Commitments Register does not include commitments relating to the decommissioning phase.

Design

1.2.3 ES Chapter 3 Description of the Proposed Development, Volume I, (Document reference 6.1, DCO Volume 6) describes the primary mitigation measures that have been embedded into the Proposed Development. Primary mitigation measures are modifications to the location or design of the Proposed Development which are a result of design evolution. Modifications which are an inherent part of the Proposed Development design for the purpose of avoiding, preventing or minimising likely significant adverse environmental effects, therefore form part of the Proposed Development for which development consent is sought. Primary mitigation is taken into account in the assessments contained within this ES, as described in the primary and tertiary mitigation section of each topic chapter (ES chapters 6 to 19, Volume I, Document reference 6.1, DCO Volume 6).

1.2.4 Commitments relating to design are secured primarily through plans for approval supported by the Design Principles Document (Document reference 5.11, DCO Volume 5) which defines the principles that the detailed design of the Proposed Development will need to be in accordance with, as set in Schedule 2 to the draft DCO (Document reference 3.1, DCO Volume 3), Details of how these design commitments will approach monitoring, evaluation, and adaptation to ensure their delivery, are included in Table 1 of this document. The Design Principles Document (Document reference 5.11, DCO Volume 5) demonstrates how the Applicant will continue to take account of the criteria for good design set out in policy in order to ensure that the Proposed Development achieves functionality, sustainability, positive place-making and resilience. An Outline Landscape and Ecology Management Plan (LEMP) (Document reference 7.5, DCO Volume 7) has also been developed, providing the securing mechanism for many site-wide/general or specific commitments pertaining to relevant environmental topics such as terrestrial and freshwater biodiversity, and landscape and visual, including certain primary measures embedded into the Proposed Development's design. The Outline LEMP (Document reference 7.5, DCO Volume 7) describes the spatial extent and details of primary mitigation commitments required to be implemented by the Contractor. Secondary design mitigation measures are measures or actions to prevent or minimise any remaining significant adverse environmental effects of the Proposed Development identified through the Environmental Impact Assessment (EIA) process. These are secured by management plans, see section 1.4.

Construction

1.2.5 Good construction practices and control measures are set out in the Outline CEMP (Document reference 7.1, DCO Volume 7) which would manage the effects of construction. The Outline CEMP (Document reference 7.1, DCO Volume 7) sets out the tertiary mitigation measures that would be complied with by the Contractor. Tertiary mitigation is defined as standard industry good practice measures or actions to reduce impacts, regardless of the design process and EIA. These

include actions that will be undertaken to meet existing legislative requirements, and/or actions that are considered to be standard good practice used to manage commonly occurring environmental effects. Tertiary mitigation is taken into account in the assessments contained within this ES, as described in the primary and tertiary mitigation section of each topic chapter (ES chapters 6 to 19, Volume I, Document Reference 6.1, DCO Volume 6). Secondary construction mitigation measures have also been developed to manage potential residual effects based on the outcomes of the ES assessment; these are secured by the Outline CEMP (Document reference 7.1, DCO Volume 7).

1.2.6 In addition to the Outline CEMP (Document reference 7.1, DCO Volume 7), other outline management plans have been prepared to avoid, prevent, and/or reduce any likely significant adverse effects during construction which are taken into account in the assessments contained within the ES (see section 1.4 Summary of securing mechanisms).

1.2.7 All construction-related management plans are secured through requirements in Schedule 2 to the draft DCO (Document reference 3.1, DCO Volume 3), as shown in Graphic 1.

Operation

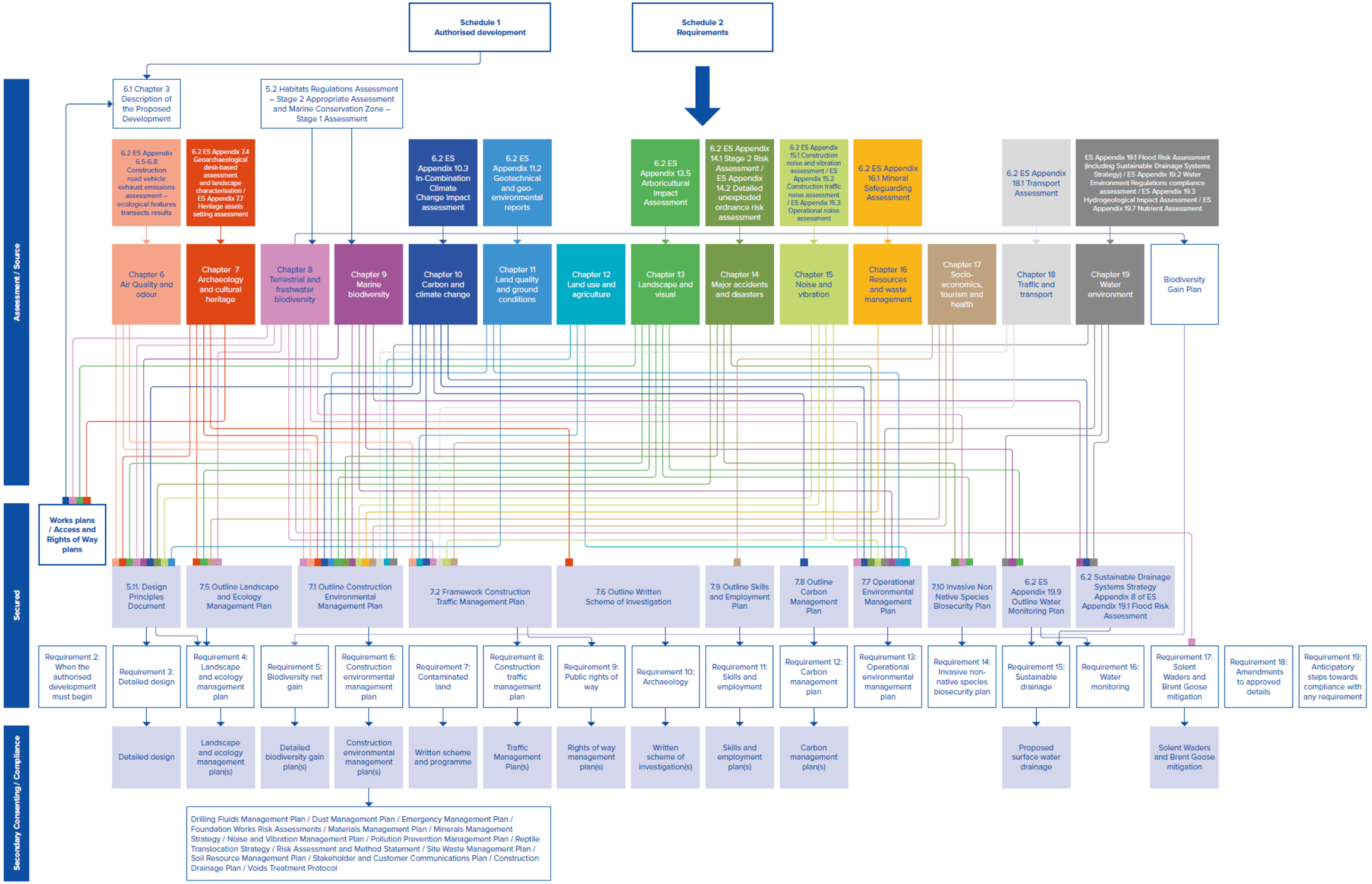
1.2.8 Some topic assessments within the ES make reference to tertiary good practice mitigation measures that will be adopted during operation of the Proposed Development. Relevant measures are described in the primary and tertiary mitigation section of each topic chapter (ES chapters 6 to 19, Volume I, Document Reference 6.1, DCO Volume 6). Secondary operational mitigation measures have also been developed to manage potential residual effects based on the outcomes of the ES assessment.

1.2.9 All operational mitigation measures are secured by the DCO; some of these are secured by the Operational Environmental Management Plan (OEMP) (Document reference 7.7, DCO Volume 7), which is secured by a requirement in Schedule 2 to the draft DCO (Document reference 3.1, DCO Volume 3), as shown in Graphic 1. Other operational mitigation measures are contained in other management plans, also secured by requirements in Schedule 2 to the draft DCO (Document reference 3.1, DCO Volume 3), detailed in section 1.4.

1.3 Relationship of securing mechanisms within the Development Consent Order

1.3.1 A schematic of the DCO architecture for the Proposed Development showing the relationship between control documents and how they are each secured is presented in Graphic 1.

Graphic 1 Schematic of relationship between the Commitments Register, the DCO documentation and its Requirements



1.4 Summary of securing mechanisms

1.4.1 The majority of the control documents are 'outline' or 'framework' plans or strategies setting principles for the preparation of details prior to commencement of relevant Proposed Development works or operation of the relevant part of the Proposed Development. Other controls are firm commitments which do not require any further development post DCO consent.

1.4.2 The control documents each have a particular function and read together provide the full suite of controls for the Proposed Development. Where a commitment is secured in one control document it is not necessary to repeat or duplicate in another control document. The following provides a summary of the function of each document:

1. **Works plans** (DCO Schedule 1, Document reference 2.3, DCO Volume 2) show the proposed route and alignment of the Proposed Development and the limits within which works may be carried out. This includes the "Limits of Deviation for Pipeline" representing the area within the Order Limits that the pipeline would be permanently located once constructed and the "Limits of Deviation for Above Ground Plant (AGP)" representing the area within which AGP would be permanently located.
2. **Design Principles Document** (DCO Schedule 2, Requirement 3, Document reference 5.11, DCO Volume 5) outlines the design commitments that will control the final design following DCO consent. It includes commitments related to site layout, building design and environmental considerations. The document includes General Design Principles which apply to the entire Proposed Development and Site Specific Design Principles which add specific controls relating to different sites or elements of the Proposed Development. It is anticipated that certain works would be required to be in accordance with the Design Principles Document, and/or with the detailed design (namely the Water Recycling Plant (WRP) and other AGP) which would be submitted to and approved by the relevant local planning authority. Whereas the Works Plans set the horizontal parameters the Design Principles establish the maximum vertical parameters. The Design Principles Document is supported by plans which control the layout of the AGP and associated Environmental Mitigation and Enhancement Areas (EMEA).
3. **Outline CEMP** (DCO Schedule 2, Requirement 6, Document reference 7.1, DCO Volume 7) provides a framework for managing and mitigating environmental impacts during construction. It includes the principles and minimum standards required of the Contractor. A detailed CEMP or CEMPs would be required to be submitted to and approved by the relevant local planning authorities.
4. **Framework Construction Traffic Management Plan (CTMP) (including Framework Construction Worker Travel Plan (CWTP) (Appendix A to the Framework CTMP (Document reference 7.2, DCO Volume 7) and Framework Rights of Way Management Plan (RoWMP) (Appendix B to the Framework CTMP (Document reference 7.2, DCO Volume 7))** (DCO Schedule 2, Requirements 8 and 9, Document reference 7.2, DCO Volume 7)

outlines the approach to managing traffic impacts during construction. It includes the principles and minimum standards required of the Contractor. The Framework CWTP is appended to the Framework CTMP and outlines the purpose, scope, and key areas of the plan, including the promotion of sustainable travel choices for construction workers. The plan aims to reduce single occupancy vehicle use and encourage sustainable travel modes. The Framework RoWMP contains details of the management measures that would be implemented for Public Rights of Way (PRoW) that would be impacted by the Proposed Development. This largely focuses on PRoW that will be impacted by the construction phase of the Proposed Development but also provides detail of management measures associated with one permanent PRoW diversion during the construction phase of the Proposed Development. Detailed Traffic Management Plan(s), Travel Plan(s) and Rights of Way Management Plan(s) for the construction of each relevant part would be submitted to and approved by the local planning authority in consultation with the local highway authority (where different) prior to commencement of that part of the development.

5. **Outline LEMP** (DCO Schedule 2, Requirement 4, Document reference 7.5, DCO Volume 7) outlines the purpose, scope, and key areas of the plan, including the management of landscape and ecological elements during construction. Detailed LEMPs would be submitted to and approved by the relevant local planning authority prior to the commencement of the relevant part (again allowing for staged approval of details).
6. **Outline Written Scheme of Investigation (WSI)** (DCO Schedule 2, Requirement 10, Document reference 7.6, DCO Volume 7) provides a framework for managing and mitigating the impacts of construction on archaeological sites. It outlines the approach to both intrusive and non-intrusive recording of known and potential archaeological remains.
7. **Operational Environmental Management Plan (OEMP)** (DCO Schedule 2, Requirement 13, Document reference 7.7, DCO Volume 7) which sets the principles and commitments for the control of operational and maintenance activities for the Proposed Development.
8. **Outline Carbon Management Plan (CMP)** (DCO Schedule 2, Requirement 12, Document reference 7.8, DCO Volume 7) outlines the controls and commitments for the management of carbon emissions during construction and operation to ensure that greenhouse gas emissions are as low as reasonably practicable.
9. **Outline Skills and Employment Plan (SEP)** (DCO Schedule 2, Requirement 11, Document reference 7.9, DCO Volume 7) sets the framework for a detailed SEP or SEPs to be produced and submitted for approval in accordance with the Requirement 11 in Schedule 2 to the draft DCO.
10. **Invasive Non-Native Species (INNS) Biosecurity Plan** (DCO Schedule 2, Requirement 14, Document reference 7.10, DCO Volume 7) provides the frameworks for INNS method statement(s) and the Emergency INNS Management Plan to be provided by the Contractor to manage any INNS pathways during construction and emergency incidents respectively.

11. **Biodiversity Gain Plan (including Habitat Management and Monitoring Plan)** (DCO Schedule 2, Requirement 5, Document reference 7.11, DCO Volume 7) outlines how the Proposed Development will achieve at least 10% biodiversity net gain (BNG). The Biodiversity Gain Plan to be submitted to the Planning Inspectorate as part of the DCO application. The Habitat Management and Monitoring Plan outlines how habitats created or enhanced for BNG will be managed and monitored for at least 30 years.
12. **Outline Water Monitoring Plan** (DCO Schedule 2, Requirement 16, Document reference 6.2, DCO Volume 6) provides the framework for a detailed Water Monitoring Plan or Plans to be submitted to and agreed prior to commencement of any relevant part of the development.
13. **Sustainable Drainage Systems (SuDS) Strategy** (DCO Schedule 2, Requirement 15, Document reference 6.2, DCO Volume 6) identifies the SuDS strategy for the permanent above-ground infrastructure for the Proposed Development.

2 Commitments Register

2.1.1 The structure of the Commitments Register follows that of the topic chapters of the ES (ES Chapters 6 to 19, Volume I, Document reference 6.1, DCO Volume 6). In the cumulative and in-combination assessment presented in ES Chapter 20 Cumulative and in-combination effects, Volume I (Document reference 6.1, DCO Volume 6), no new mitigation measures were identified in addition to those already identified within the individual topic chapters, therefore there is no further reference to Chapter 20 in the Commitments Register.

2.1.2 Table 1 outlines the Proposed Development's site-wide (general) and location-specific commitments, covering primary, secondary and tertiary mitigation measures.

2.1.3 EMEA that are partially or totally comprised of mitigation are considered primary mitigation and they are presented in Table 1. In the case of EMEA that are partially comprised of mitigation and partially comprised of enhancement, the mitigation elements of the EMEA would be committed to through the DCO and are presented in Table 1, whereas the enhancement elements of the EMEA, although also seeking consent through the DCO, will only be implemented subject to securing voluntary agreements with landowners. EMEAs that are only used for enhancement are omitted from this Commitments Register.

2.1.4 The Commitments Register is presented in Table 1 and is structured as follows:

1. Column (1) provides a reference for each commitment, demonstrating the type of commitment. The naming convention for a reference is as follows:
    a. Mitigation (Mit)
    b. Site-wide/general (G) or location-specific (L)
    c. Primary (embedded/design) measures (P), tertiary (control/good practice) measures (T) or secondary (additional) measures (S)
    d. Unique ID number (e.g. Mit-GP-001)
2. Column (2) describes the details of the commitment.
3. Column (3) presents a description of the monitoring requirements of the commitment, if required.
4. Column (4) identifies the Proposed Development phase in which the commitment relates (e.g. Design, Construction, Operation).
5. Column (5) identifies the EIA topic(s) that the commitment is relevant to in terms of impact mitigation or enhancement.
6. Column (6) refers to the relevant securing mechanism(s) for each commitment. Where reference is made to the DCO Schedule 2 (Requirements) the relevant Requirement in Schedule 2 is provided in brackets. For example, DCO Schedule 2 (6) is a reference to Requirement 6, Outline CEMP.
7. Column (7) identifies the stage at which the commitment should be delivered and by whom.

8. Column (8) identifies any relevant supporting or associated documentation, including the assessment identifying the impact that requires mitigation or the opportunity for enhancement.
9. Column (9) provides the details of who is the decision-maker providing approval of the commitment and the date at which it has been achieved. Note: a compliance date may often be in the future and, therefore, the text “To be confirmed after DCO submission.” is used to denote where this is the case.

Table 1 Commitments Register

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
Mit-LP-001	Implementation of a 15m buffer between temporary construction compound M-1 and ancient woodland at Otterbourne Park Wood.	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans; DCO Schedule 2 (6), Outline CEMP.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II.	To be confirmed after DCO submission.
Mit-LP-002	Implementation of a 15m buffer between temporary construction compound M-3 and other construction working areas from floodplain grazing marsh priority habitat.	N/A	Detailed Design			X												DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-003	Avoidance of veteran tree root protection area (RPA) [Easting, Northing: 446457, 123171].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-004	Implementation of a 15m buffer between temporary construction compound M-2 and other construction working areas from floodplain grazing marsh priority habitat.	N/A	Detailed Design			X												DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
Mit-LP-005	Use of trenchless construction under the River Itchen and associated designated environmental sites, as well as under the South Western Railway line.	N/A	Detailed Design			X					X					X	X	DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity. Volume I; ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LP-006	Use of trenchless construction methods under a watercourse upstream of the River Itchen [Easting, Northing: 447124, 121484].	N/A	Detailed Design			X					X						X	DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LP-007	Use of trenchless construction methods between temporary construction compound M-2 and temporary construction compound M-3 under a watercourse upstream of the River Itchen.	N/A	Detailed Design			X					X						X	DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LP-008	Avoidance of veteran tree RPA using trenchless construction methods [Easting, Northing: 447145, 121477].	N/A	Construction			X					X							DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				reference 7.1, DCO Volume 7).	
Mit-LP-009	Use of trenchless construction methods to avoid construction works within veteran tree RPA [Easting, Northing: 447189, 121494].	N/A	Detailed Design			X					X							DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-010	Use of trenchless construction methods under Bow Lake watercourse [Easting, Northing: 448545, 120771].	N/A	Detailed Design			X											X	DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LP-011	Implementation of a 15m buffer between the Bow Lake watercourse and pipeline construction works outside of temporary construction compound L-5, L-6 and L-7.	N/A	Detailed Design			X					X						X	DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-012	Use of trenchless construction methods under Winchester Road (B3354) and historic earthworks.	N/A	Detailed Design		X											X		DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 18 Traffic and transport, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
Mit-LP-013	Implementation of a 15m buffer between Order Limits and ancient woodland [Easting, Northing: 449099, 120384].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans; DCO Schedule 2 (6), Outline CEMP.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-014	Avoidance of impacts from temporary construction compound L-4 within veteran tree RPA at Fisher's Pond [Easting, Northing: 449006, 120458].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-015	Avoidance of category A trees [Easting, Northing: 452427, 119023].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I;	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-016	Avoidance of temporary construction compound L-4 within veteran tree RPA [Easting, Northing: 449030, 120377].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-017	Implementation of a 15m buffer between construction works and Chestnut Gully Wood Site of Importance for Nature Conservation (SINC).	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-018	Avoidance of construction works within veteran tree RPA [Easting, Northing: 449762, 120268].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-019	Avoidance of construction works within deciduous woodland priority habitat north of Wardle Road.	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-020	Use of trenchless construction methods under floodplain grazing marsh priority habitat.	N/A	Detailed Design			X					X							DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-021	Avoidance of construction works within category A tree RPA [Easting, Northing: 449553, 120459].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-022	Avoidance of construction works within category A tree RPA [Easting, Northing: 449695, 120456].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-023	Avoidance of veteran tree RPA [Easting, Northing: 451688, 119965].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-024	Avoidance of mature trees [Easting, Northing: 451021, 120133].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment,	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-025	Avoidance of mature trees [Easting, Northing: 450876, 120087].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-026	Avoidance of trees [Easting, Northing: 451847, 119536].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-027	Avoidance of category A tree RPA [Easting, Northing: 451929, 119351].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design	ES Chapter 8 Terrestrial and freshwater	To be confirmed

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																			prepared by Contractor.	biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	after DCO submission.
Mit-LP-028	Avoidance of hedgerow [Easting, Northing: 452092, 119226].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-029	Avoidance of category A tree [Easting, Northing: 452353, 118979].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				reference 7.1, DCO Volume 7).	
Mit-LP-030	Avoidance of category A tree [Easting, Northing: 452881, 118678].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-031	Avoidance of veteran tree RPA [Easting, Northing: 452950, 118154].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-032	Avoidance of category A trees [Easting, Northing: 452882, 118272].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-033	Avoidance of category A trees [Easting, Northing: 452979, 118105].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-034	Avoidance of category A tree RPA [Easting, Northing: 452924, 118086].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II;	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-035	Avoidance of category A tree RPA [Easting, Northing: 452932, 118047].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-036	Use of trenchless construction methods under Winters Hill and veteran trees in the parkland.	N/A	Detailed Design		X	X					X							DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-037	Implementation of flexibility via wide Order Limits to allow optimum construction location that reduces loss of vegetation, to be identified during construction once further tree survey	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans; DCO Schedule 2 (3), Design Principles	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity,	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	information is available. [Easting, Northing: 453443, 117525].																	Document; DCO Schedule 2 (6), Outline CEMP.		Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-038	Implementation of flexibility via wide Order Limits to allow optimum construction location that reduces loss of vegetation, to be identified during construction once further tree survey information is available [Easting, Northing: 453546, 117419].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans; DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-039	Implementation of a buffer zone between Order Limits and the Park Lug landscape and heritage feature.	N/A	Detailed Design		X	X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 7 Archaeology and cultural heritage, Volume I; ES Appendix 13.3 Landscape baseline and effects, Volume II.	To be confirmed after DCO submission.
Mit-LP-040	Minimisation of construction works (except for environmental mitigation and enhancement) in	N/A	Detailed Design			X					X						X	DCO Schedule 1, Works Plans.	Detailed design	ES Chapter 19 Water environment	To be confirmed

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	Flood Zone 2 and 3 associated with the River Hamble [Easting, Northing: 454159, 116233].																		prepared by Contractor.	Volume I; ES Appendix 19.1 Flood Risk Assessment, Volume II.	after DCO submission.
Mit-LP-041	Avoidance of construction works within veteran tree RPA [Easting, Northing: 453919, 115900].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-042	Avoidance of construction works within veteran tree RPA [Easting, Northing: 453997, 115890].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-043	Implementation of a buffer between the Order Limits and mature line of woodland to the east	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design	ES Chapter 8 Terrestrial and freshwater	To be confirmed

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	of Order Limits [Easting, Northing: 454414, 115614].																		prepared by Contractor.	biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	after DCO submission.
Mit-LP-044	Avoidance of construction works within veteran tree RPA [Easting, Northing: 454325, 115285].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-045	Selection of crossing point at the Park Lug to minimise direct impacts to category A trees, as far as reasonably practicable [Easting, Northing: 454347, 115290].	N/A	Detailed Design		X	X					X							DCO Schedule 1, Works Plans; DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-046	Implementation of flexibility via wider Order Limits at crossing point to allow optimum construction location to minimise impact to vegetation, to be identified during construction [Easting, Northing 454590, 115253].	N/A	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document.	Design, Construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-047	Order Limits located to align with field and paddock boundaries as far as practicable to minimise impacts on existing business/agricultural/equine uses [Easting, Northing: 455437, 114851].	N/A	Detailed Design							X					X			DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 12 Land use and agriculture, Volume I; ES Chapter 17 Socio-economics, tourism and health, Volume I.	To be confirmed after DCO submission.
Mit-LP-048	Order Limits located to align with field boundaries as far as practicable to minimise effects on existing business and agricultural uses [Easting, Northing: 453743, 116882].	N/A	Detailed Design							X					X			DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 12 Land use and agriculture, Volume I; ES Chapter 17 Socio-economics, tourism and health, Volume I.	To be confirmed after DCO submission.
Mit-LP-049	Use of trenchless construction methods under the River Hamble and Botley Road to avoid works in close proximity to the watercourse and minimise direct impacts to the transport network in Hampshire.	N/A	Detailed Design			X					X					X	X	DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 18 Traffic and transport, Volume I; ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
Mit-LP-050	Order Limits located to align with field boundaries as far as practicable to minimise effects on existing business and agricultural uses [Easting, Northing: 454918,115332].	N/A	Detailed Design							X					X			DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 12 Land use and agriculture, Volume I; ES Chapter 17 Socio-economics, tourism and health, Volume I.	To be confirmed after DCO submission.
Mit-LP-051	Implementation of flexibility via wide Order Limits to allow optimum construction location for the avoidance of protected species to be identified during construction. Inclusion of EMEA-J-4 to provide protected species mitigation if required [Easting, Northing: 455622,114861].	N/A	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-052	Implementation of flexibility via wide Order Limits to allow optimum construction location that reduces loss of vegetation and avoids protected species to be identified during construction [Easting, Northing: 456016, 114374].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans; DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-053	Use of trenchless construction methods under High Street and access road to minimise direct impacts to the transport network in Hampshire.	N/A	Detailed Design													X		DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 18 Traffic and transport, Volume I.	To be confirmed after DCO submission.
Mit-LP-054	Avoidance of RPAs within a line of woodland with category A trees [Easting, Northing: 456929, 113513].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-055	Avoidance of veteran tree RPA [Easting, Northing: 457074, 112913].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-056	Order Limits located to the west of dense line of trees to avoid impacts to vegetation [Easting, Northing: 457163, 112929].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
Mit-LP-057	Minimisation of impacts to watercourse/ditch by locating Order Limits to the west of watercourse/ditch, following a crossing to the south [Easting, Northing: 457085,112987].	N/A	Detailed Design			X											X	DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LP-058	Order Limits located to pass between category A trees [Easting, Northing: 457132, 112736].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-059	Avoidance of direct impacts to category A tree RPAs.	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-060	Avoidance of veteran tree RPA [Easting, Northing: 457083, 112666].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity,	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-061	Avoidance of category A tree RPA [Easting, Northing: 457157, 112603].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-062	Use of trenchless construction methods under Winchester Road and woodland to minimise direct traffic and transport impacts to the transport network in Hampshire and avoid vegetation loss.	N/A	Detailed Design			X					X					X		DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 18 Traffic and transport, Volume I; ES Appendix 13.5 Arboricultural Impact	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-063	Implementation of a buffer zone between the temporary construction compound and RPA associated with line of trees to the west, to reduce loss of vegetation [Easting, Northing: 456776, 112109].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-064	Avoidance of veteran tree RPA [Easting, Northing: 456496, 112041].	N/A	Construction			X					X					X		DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 18 Traffic and transport, Volume I; ES Chapter 13 Landscape and visual, Volume I; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-065	The area of temporary construction compound G-7 that overlaps with the woodland belt adjacent to the southern side of Titchfield Lane (Work Number 6) will only be used for the	Contractor to specify details of, and undertake,	Construction			X					X							DCO Schedule 2 (6), Outline CEMP.	Detailed design, construction.	ES Chapter 8 Terrestrial and freshwater biodiversity,	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	temporary access route. Only the minimum area of woodland required for this access route will be cleared with the remainder demarcated to prevent unplanned incursions access and protect the woodland.	monitoring (as appropriate) as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.																	Contractor responsible.	Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-066	Implementation of flexibility via wide Order Limits at Wickham Park Golf Club to allow optimum construction location following further engagement with the golf club to minimise impacts on their operations.	N/A	Detailed Design							X					X			DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 17 Socio-economics, tourism and health, Volume I.	To be confirmed after DCO submission.
Mit-LP-067	Use of trenchless construction methods under River Meon to avoid works within or near the watercourse and associated habitats [Easting, Northing: 456807, 110795].	N/A	Detailed Design			X					X						X	DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LP-068	Use of trenchless construction methods under River Meon to avoid works within or near the watercourse and associated habitats [Easting, Northing: 456725, 110760].	N/A	Detailed Design			X					X						X	DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LP-069	Avoidance of veteran tree RPA [Easting, Northing: 457746, 110708].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-070	Use of trenchless construction methods under Hoad's Hill to minimise direct impacts to the transport network in Hampshire.	N/A	Detailed Design													X		DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 18 Traffic and transport, Volume I.	To be confirmed after DCO submission.
Mit-LP-071	Avoidance of veteran tree RPA [Easting, Northing: 457972, 110381].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-072	Avoidance of habitat where protected species are present [Easting, Northing: 458049, 110043].	N/A	Detailed Design			X	X											DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
Mit-LP-073	Implementation of a 15m buffer zone between construction works and ancient woodland [Easting, Northing: 457970, 109680].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans; DCO Schedule 2 (6), Outline CEMP.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II.	To be confirmed after DCO submission.
Mit-LP-074	Avoidance of construction works within veteran tree RPA [Easting, Northing: 457907, 109571].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-075	Avoidance of block of woodland [Easting, Northing: 458198, 108938].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-076	Use of trenchless construction under the River Wallington to avoid works within the watercourse and associated habitats.	N/A	Detailed Design			X											X	DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LP-077	Implementation of a 30m buffer zone between temporary construction compound F-1 and River Wallington where protected species are present.	N/A	Detailed Design			X												DCO Schedule 1, Works Plans.	Design, Construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-078	Avoidance of woodland [Easting, Northing: 460025, 108053].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-079	Avoidance of woodland [Easting, Northing: 461368, 107884].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13	To be confirmed after DCO submission.

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																				Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-080	Avoidance of woodland [Easting, Northing: 461542, 107741].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-081	Implementation of flexibility via wide Order Limits to avoid impacts to protected species and to minimise vegetation loss [Easting, Northing: 462592, 107580].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans; DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-082	Avoidance of woodland and trees [Easting, Northing: 463939, 107343].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-083	Avoidance of woodland [Easting, Northing: 464391, 107238].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-084	Implementation of a buffer between Order Limits and Second World War aircraft crash site at Pigeonhouse Farm.	N/A	Detailed Design		X													DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 7 Archaeology and cultural heritage, Volume I.	To be confirmed after DCO submission.
Mit-LP-085	Avoidance of woodland [Easting, Northing: 465258, 107029].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-086	Avoidance of woodland. Order Limits located north of this woodland to provide screening from Fort Widley.	N/A	Detailed Design		X	X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-087	Avoidance of habitat where protected species are present.	N/A	Detailed Design			X												DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-088	Implementation of optionality for two pipeline routes within the Order Limits to provide flexibility for reducing impacts on habitat where protected species are present.	N/A	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document, DCO Schedule 2 (6), Outline CEMP.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-089	Use of tunnelled construction methods between the WRP site and Portsdown Hill to reduce effects on communities in Drayton and Widley.	N/A	Detailed Design							X					X			DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling	Detailed design prepared by Contractor.	ES Chapter 17 Socio-economics, tourism and health, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																		Schedules and Plans.			
Mit-LP-090	Use of trenchless construction methods between Budds Farm Wastewater Treatment Works (WTW) and the WRP site to reduce effects on the Hermitage Stream.	N/A	Detailed Design			X	X									X	X	DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 9 Marine biodiversity, Volume I; ES Chapter 18 Traffic and transport, Volume I; ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LP-091	Use of trenchless construction methods between the WRP site and west of Mill Lane to minimise direct impacts on the A27, the transport network in Hampshire, and to areas of woodland located between the WRP site and Bedhampton Springs.	N/A	Detailed Design		X	X					X					X		DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 18 Traffic and transport, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-092	Use of trenchless construction methods under Mill Lane and woodland to avoid loss of vegetation.	N/A	Detailed Design			X					X							DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	
Mit-LP-093	Minimisation of impacts to existing business and agricultural use, by locating Order Limits in alignment with field boundaries as far as practicable [Easting, Northing: 448041, 121013].	N/A	Detailed Design			X				X	X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 12 Land use and agriculture, Volume I.	To be confirmed after DCO submission.
Mit-LP-094	Implementation of 15m buffer between Bow Lake watercourse and temporary construction compound L-8.	N/A	Detailed Design			X											X	DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LP-095	Implementation of 15m buffer between Bow Lake watercourse and temporary construction compound L-7.	N/A	Detailed Design			X											X	DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LP-096	Use of trenchless construction methods between temporary construction compounds L-3 and L-4 under residential garden and equestrian paddocks.	N/A	Detailed Design							X					X			DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed Development, Volume I.	To be confirmed after DCO submission.
Mit-LP-097	Break Pressure Tank (BPT)/Intermediate Pumping Station E (IPS-E) located to the south of this field to reduce visual impacts and integrate with existing vegetation and built form.	N/A	Detailed Design								X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed Development, Volume I.	To be confirmed after DCO submission.
Mit-LP-098	Intermediate Pumping Station (IPS-F) located adjacent to existing woodland to provide opportunities for landscape integration.	N/A	Detailed Design								X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed Development, Volume I.	To be confirmed after DCO submission.
Mit-LP-99	Intermediate Pumping Station (IPS-G) located at the south-west of the field to integrate with existing vegetation and built form.	N/A	Detailed Design		X						X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Development, Volume I.	
Mit-LP-100	EMEA_E_1. Chalk grassland creation, hedgerow enhancement, landscape screening and integration planting.	Contractor to appoint suitably qualified Ecological Clerk of Works (ECoW) to undertake monitoring as per Outline LEMP.	Detailed Design		X	X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Outline CEMP (Document reference 7.1, DCO Volume 7); Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-101	EMEA_F_1. Woodland enhancement, landscape screening and integration planting.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; Biodiversity Gain Plan (Document	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				reference 7.11, DCO Volume 7).	
Mit-LP-102	EMEA_F_2. Tree mitigation planting.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-103	EMEA_F_3. Woodland mitigation and enhancement.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-104	EMEA_G_1. Woodland mitigation and enhancement.	Contractor to appoint suitably qualified ECoW to undertake monitoring as	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
		per Outline LEMP.																		Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	
Mit-LP-105	EMEA_G_2. Woodland mitigation and enhancement.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-106	EMEA_G_3. Landscape screening and integration planting.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I;	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	
Mit-LP-107	EMEA_J_1. Woodland creation.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-108	EMEA_J_2. Woodland creation.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-109	EMEA_J_3. Woodland creation within grassland along woodland edge, to mitigate woodland removal.	Contractor to appoint suitably qualified ECoW to undertake	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO	Design, pre-construction, construction.	Chapter 3 Description of the Proposed Development,	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
		monitoring as per Outline LEMP.																Schedule 2 (4), Outline LEMP.	Contractor responsible.	Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	
Mit-LP-110	EMEA_J_4. Woodland creation and mitigation.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-111	EMEA_J_5. Woodland edge enhancement.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	
Mit-LP-112	EMEA_K_1. Landscape mitigation and enhancement.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X					X	X	DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-113	EMEA_K_6. Woodland mitigation, grassland enhancement, landscape screening and integration planting.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-114	EMEA_L_1. Woodland creation.	Contractor to appoint suitably	Detailed Design			X					X							DCO Schedule 2 (3), Design	Design, pre-construction,	Chapter 3 Description of	To be confirmed

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		qualified ECoW to undertake monitoring as per Outline LEMP.																Principles Document; DCO Schedule 2 (4), Outline LEMP.	construction. Contractor responsible.	the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	after DCO submission.
Mit-LP-115	EMEA_L_2. Woodland creation.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-116	EMEA_L_3. Woodland creation.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	
Mit-LP-117	EMEA_L _5. Grassland mitigation.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.
Mit-LP-118	EMEA_WRP. Habitat mitigation and enhancement.	Contractor to appoint suitably qualified ECoW to undertake monitoring as per Outline LEMP.	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	Chapter 3 Description of the Proposed Development, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
Mit-LT-119	One area of coastal floodplain and grazing marsh habitat would be temporarily lost but reinstated and enhanced. This comprises other neutral grassland within the Fielders Farm Meadows (Eastleigh) SINC. The entire SINC falls within Work Number 7. Land to the east of the pipeline and the temporary construction compound L-5 will be retained and protected during construction. Seek to reduce the footprint of the temporary construction compound L-5 (Work Number 6) and the works footprint within this SINC to that reasonably required. Measures for this SINC include: -A bespoke habitat reinstatement plan will be produced for the SINC, full details are included in the Outline LEMP (Document reference 7.5, DCO Volume 7). -Removal of INNS. -Management of scrub encroachment. -Habitat reinstatement will consider soil handling so that flora seed bank is used where possible.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with specifications set out in the detailed CEMP(s), Outline LEMP and detailed LEMPs when available.	Construction			X						X							DCO Schedule 2 (4), Outline LEMP; DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LT-120	Measures for reinstatement and enhancement of Field to West of Gillman Road SINC: - Reinstatement measures will be developed in the detailed LEMPs post-consent, ensuring each Site of Importance for Nature Conservation's ecological distinctiveness is reflected in the reinstatement specifications, full details are included in the Outline LEMP (Document reference 7.5, DCO Volume 7). - Habitat reinstatement will consider soil translocation (preservation and restoration of the existing turf and soil layers) so that local flora seed bank is used where possible.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with specifications set out in the detailed CEMP(s), Outline LEMP, and detailed	Construction			X						X							DCO Schedule 2 (4), Outline LEMP; DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

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		LEMPs when available.																			
Mit-GT-121	The Contractor will appoint a suitably qualified Ecologist, a Landscape architect and an Arboriculturist to design, advise and oversee the implementation, establishment maintenance and long-term management and monitoring of planting and existing habitats. The Outline LEMP includes habitat-specific objectives and short and long-term actions that will be implemented by the Contractor to manage, maintain and monitor, to achieve the successful establishment of proposed planting and habitats within the Order Limits. Management and maintenance, as set out in the Outline LEMP and subsequent detailed LEMPs, are carried out through the initial five-year period and, where required, the longer term to achieve the successful establishment of all proposed planting and habitats.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with specifications set out in the detailed CEMP(s), Outline LEMP and detailed LEMPs, when available.	Construction			X					X							DCO Schedule 2 (4), Outline LEMP.	Construction, post-construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Outline LEMP (Document reference 7.5, DCO Volume 7).	To be confirmed after DCO submission.
Mit-GP-122	Preference has been given to the Proposed Development with the shortest length to reduce the overall footprint and the number of receptors that would be affected.	N/A	Detailed Design	X						X				X	X			DCO Schedule 1, Works Plans.	Design, pre-construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I; ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.
Mit-GT-123	All Non-Road Mobile Machinery (NRMM) and plant will be well maintained. The Contractor will ensure all equipment complies with the appropriate NRMM standards. If any emissions of dark smoke occur, then the relevant machinery will be stopped as soon as practicable, and any problem rectified.	Contractor to specify details and keep a register of NRMM including standards (stages) and undertake visual inspections of exhaust emission smoke from NRMM to ensure the	Construction	X				X										DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.

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		successful delivery of this commitment.																			
Mit-GT-124	All NRMM will use fuel equivalent to ultralow sulphur diesel (fuel meeting the specification within EN590:2004) where reasonably practicable.	Contractor to specify details and keep a record of fuel purchased for use for NRMM to ensure the successful delivery of this commitment.	Construction	X				X										DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.
Mit-GT-125	The Contractor will consider the siting of NRMM within the working area. Where practicable (and subject to detailed design), generators and plant will be located at the greatest distance from receptors to reduce the potential for air quality effects.	Contractor to demonstrate adherence to this commitment.	Construction	X														DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.
Mit-GT-126	All diesel NRMM will be fitted with Diesel Particulate Filters (DPFs) conforming to defined and demonstrated filtration efficiency (load/duty cycle permitting): - The ongoing conformity of plant retrofitted with DPF, to a defined performance standard, will be ensured through a programme of on-site checks. - Fuel conservation measures will be implemented, including instructions to: - Throttle down or switch off idle construction equipment. - Switch off the engines of trucks while they are waiting to access the site and while they are being loaded or unloaded. - The Contractor will ensure equipment is properly maintained to ensure efficient fuel consumption.	Contractor to specify details of and undertake regular on-site checks of diesel NRMM and record this in the NRMM maintenance log. Ensure signage is in place to prevent idling of vehicles and NRMM and ensure all site operatives are aware that engines should be switched off when not in use, to ensure the successful delivery of this commitment.	Construction	X														DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.

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Mit-GT-127	Dust management - the Contractor will: Develop and implement a Dust Management Plan (DMP) as part of the detailed CEMP(s) with measures specific to the varying construction areas and activities. The DMP may include measures to control other emissions such as those associated with construction vehicles and machinery on-site and will be approved by the relevant local planning authorities. - Display the name and contact details of person(s) accountable for air quality and dust issues at the site entrances. This may be the environment manager/engineer or the site manager (employed by the Contractor). Public-facing contact information will be displayed in advance of the works through appropriate channels such as site signage, notice boards, letters and digital communication methods. This will include the Contractor's 24/7 call centre number, Proposed Development website or QR code for updates, and details of relevant community contact channels.	Contractor to ensure and record compliance with this commitment as described.	Construction	X					X	X								DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.
Mit-GT-128	Site management – the Contractor will: - Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken. - Make the complaints log available to the local planning authority if requested. - Record any exceptional incidents that cause dust and/or air emissions, either on- or off-site, and the action taken to resolve the situation in the logbook. - Hold regular liaison meetings with other high risk construction sites within 250m of the Order Limits, to ensure plans are co-ordinated and dust and particulate matter emissions are reduced. It is important to understand the interactions of the off-site transport/deliveries	Contractor to ensure and record compliance with this commitment as described.	Construction	X					X	X								DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.

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	which might be using the same strategic road network routes.																				
Mit-GT-129	Monitoring - the Contractor will: -Undertake daily on-site and off-site inspection, where receptors (or roads) are nearby, to monitor dust, record inspection results, and make the log available to the relevant local planning authority when asked. This should include regular dust soiling checks of surfaces such as street furniture, cars and window sills within 100m of the Order Limits, with cleaning to be provided, if necessary. -Carry out regular site inspections to monitor compliance with the DMP, record inspection results, and make an inspection log available to the local planning authority, when requested. -Increase the frequency of the site inspections by the person accountable for air quality and dust issues on-site when activities with a high potential to produce dust are being carried out and during periods of prolonged dry or windy conditions. -Agree dust deposition, dust flux, or real-time indicative PM_{10} monitoring locations with the relevant local planning authority. Where practicable, commence baseline monitoring at least three months before work commences at specific locations across the Order Limits. Further guidance is provided by the Institute of Air Quality Management on monitoring during demolition, earthworks and construction. Specific monitoring requirements, including monitoring duration, will be included as part of the detailed CEMP(s) for individual sites, as required [4].	Contractor to ensure and record compliance with commitment as described (including all records of monitoring data).	Construction	X					X	X								DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.
Mit-GT-130	Preparing and maintaining the construction site – the Contractor will: - When planning site layouts the Contractor should seek, so far as is practicable within the constraints of the Order, to locate dust causing activities away from dust sensitive receptors. - Erect solid screens or barriers around dusty activities during construction works. - Use dust suppression system where there is a	Contractor to specify details of, and undertake, monitoring and recording (as appropriate), as will be included in the detailed	Construction	X					X	X								DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.

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	high potential for dust production and the site is active for an extensive period. - Avoid site runoff of water or mud. - Keep site fencing, barriers and scaffolding clean using wet methods. - Materials with the potential to produce dust should not be stored on site for extended periods, unless they are intended to be re-used on site. Materials will be appropriately managed (e.g. covered, grassed). - Manage storage areas to prevent wind whipping.	CEMP(s), to ensure the successful delivery of this commitment.																			
Mit-GT-131	Construction operations – the Contractor will: - Only use cutting, grinding, or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g., suitable local exhaust ventilation systems. - Ensure an adequate water supply on the site for effective dust/particulate matter suppression/mitigation, using non-potable water where reasonably practicable and appropriate. - Use enclosed chutes and conveyors and covered skips. - Reduce drop heights from handling equipment and use fine water sprays on such equipment wherever appropriate. - Ensure equipment is readily available on site to clean any dry spillages and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods. - Avoid scabbling (roughening of concrete surfaces) if possible. - Ensure bulk cement and other fine powder materials are delivered in enclosed tankers and stored in silos with suitable emission control systems to prevent escape of material and overfilling during delivery. For smaller supplies of fine powder materials ensure bags are sealed after use and stored appropriately to prevent dust.	Contractor to specify details of, and undertake, monitoring and recording (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction	X						X								DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.
Mit-GT-132	Bonfires and burning of waste materials will not be allowed on-site.	N/A	Construction	X														DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed

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																					after DCO submission.
Mit-GT-133	The Contractor will ensure sand and other aggregates are stored in appropriate manner to reduce dust generation, for example with the use of bunded areas.	Contractor to document the storage of sand and other aggregates in line with the detailed CEMP(s).	Construction	X						X								DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.
Mit-GT-134	Measures specific to trackout - the Contractor will: - Use water-assisted dust sweeper(s) on the access and local roads, to remove, as necessary, any material tracked out of the site - Avoid dry sweeping of large areas, where reasonably practicable. - Ensure vehicles entering and leaving sites are covered to prevent escape of materials during transport. - Inspect on-site haul routes for integrity and instigate necessary repairs to the surface as soon as reasonably practicable. - Record all inspections of haul routes and any subsequent action in a site logbook. - Install hard surfaced haul routes where reasonably practicable, which are regularly damped down with fixed or mobile sprinkler systems, or mobile water bowsers and regularly cleaned. - Implement a wheel washing system (with rumble grids to dislodge accumulated dust and mud) prior to leaving the site where reasonably practicable. - Ensure there is an adequate area of hard surfaced road between the wheel wash facility and the site exit, wherever site size and layout permit(s). Locate access gates at least 10m from receptors where reasonably practicable.	Contractor to specify details of, and undertake, monitoring and recording (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction	X						X								DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.

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Mit-GT-135	Measures specific to earthworks – the Contractor will: - Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable. - Use Hessian, mulches or tackifiers where it is not possible to re-vegetate or cover with topsoil, as soon as practicable. - Only remove the cover in small areas during work and not all at once.	Contractor to specify details of, and undertake, monitoring and recording (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction	X						X								DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.
Mit-GT-136	Measures specific to the operation of vehicles and/or machinery and sustainable travel – the Contractor will: - Ensure all vehicles will switch off engines when stationary – no idling vehicles. - Implement a CWTP that supports and encourages sustainable travel (public transport, cycling, walking and car-sharing). This will be prepared and submitted for approval in accordance with the corresponding requirement in Schedule 2 to the draft DCO (Document reference 3.1, DCO Volume 3). - The Contractor will seek to reduce the use of diesel or petrol powered generators and instead use mains electricity or battery powered equipment where reasonably practicable. - The Contractor will impose and clearly indicate a maximum speed limit of 15mph on surfaced and 10mph on unsurfaced haul roads (i.e. non-highway roads) and work areas. - Manage the sustainable delivery of goods and materials via the Framework CTMP (Document reference 7.2, DCO Volume 7).	Contractor to specify details of and undertake monitoring, as will be included in the detailed CEMP(s), to ensure compliance with the Construction Logistics Plan and with this commitment as described (as appropriate) to ensure the successful delivery of this commitment.	Construction	X				X										DCO Schedule 2 (6), Outline CEMP; DCO Schedule 2 (8) Framework CTMP and Framework CWTP.	Pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.
Mit-GT-137	All road construction vehicles will, at minimum, adhere to Ultra Low Emission Zone (for light duty vehicles) or Low Emission Zone (for heavy duty vehicles) equivalent emissions standards, i.e.: - Petrol cars, vans and minibuses (vehicles less than three and a half tonnes gross weight)	Contractor to specify details and keep a register of all road vehicles used during construction, to	Construction	X														DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.

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	should be Euro 4 (or better). - Diesel cars, vans and minibuses (vehicles less than three and a half tonnes gross weight) should be Euro 6 (or better). - Heavy duty vehicles (vehicles more than three and a half tonnes gross weight) should be Euro VI (or better).	ensure compliance with this commitment as described.																			
Mit-GT-138	During the WRP site construction, the Contractor will undertake the following: - Focused pre-excavation trial pits/ground investigations; - Regular monitoring/identification of excavated material to predict odour issues; - Reduce the surface area exposed landfill matter as far as practicable; - Provide temporary cover of exposed landfill areas promptly where possible; - Permanently cover exposed landfill areas as soon as practicable; - Provide surface gas monitoring where gas emissions are expected on exposed landfill areas; - Landfill matter to be removed from site will be done so as soon as practicable and covered in the meantime; - Where necessary mobile odour suppression units will be deployed. Sensory monitoring of odour should be implemented to support real-time identification and response to odour emissions.	Contractor to specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction	X														DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.
Mit-GT-139	Where excavation does occur in odorous sites, material damping down, misting or other similar measures will be used as appropriate to manage odour.	Contractor to specify details of, and undertake, monitoring and recording (as appropriate) as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction	X					X									DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.

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Mit-GT-140	Measures specific to demolition – the Contractor will: - Ensure effective water suppression is used during demolition operations, for example by using hand held sprays, which are more effective than hoses attached to equipment as the water can be directed to where it is needed. In addition, high volume water suppression systems, when manually controlled, can produce fine water droplets that effectively bring the dust particles to the ground. Explosive blasting will not be used in demolition activities and appropriate manual or mechanical alternatives will be employed instead. - Bag and remove any biological debris or damp down such material before demolition. - Soft strip inside buildings before demolition.	Contractor to specify details of, and undertake, monitoring and recording (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction	X													DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 6 Air quality and odour, Volume I.	To be confirmed after DCO submission.
Mit-GP-141	Existing landscape features, wildlife corridors and vegetation within the Order Limits will be retained and protected to the extent it is reasonably practicable to do so having regard to the nature of the works proposed and other measures secured through the DCO, to maintain visual continuity and ecological connectivity.	N/A	Detailed Design			X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4) Outline LEMP; DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 13 Landscape and visual, Volume I.	To be confirmed after DCO submission.
Mit-GP-142	Avoid non-designated heritage assets and areas of higher archaeological potential where reasonably practicable.	N/A	Detailed Design		X													DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 7 Archaeology and cultural heritage, Volume I.	To be confirmed after DCO submission.
Mit-GP-143	Detailed design will seek to avoid impacts to earthwork and archaeological remains of historic parkland characteristics (including Wickham Park, Bishops Waltham Deer Park, Wintershill Hall Park and Marwell Park) from groundworks and planting, and respect the setting and character of these heritage assets in accordance with the Outline LEMP, Outline	N/A	Detailed Design		X	X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP; DCO Schedule 2 (10), Outline WSI.	Design, construction. Contractor responsible.	ES Chapter 7 Archaeology and cultural heritage, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	WSI(s), and or the relevant approved LEMP and Survey-Specific WSI.																				
Mit-GP-144	Detailed design will seek to positively integrate permanent buildings into their landscape setting, with high quality design (and screening such as by natural features where appropriate), materials and colour palette appropriate to context, without compromising operational function.	N/A	Detailed Design		X						X							DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 7 Archaeology and cultural heritage, Volume I.	To be confirmed after DCO submission.
Mit-GT-145	The Contractor will reduce the duration and footprint of construction activity where reasonably practicable; locating development in the least prominent positions and wherever practicable maximising the distance from nearby visual receptors; positioning the works to make use of existing natural features such as landform and vegetation to screen views.	N/A	Construction		X					X	X							DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 13 Landscape and visual, Volume I.	To be confirmed after DCO submission.
Mit-GT-146	The Contractor will use trackway and/or matting for access, where reasonably practicable in areas of archaeological interest during construction.	Contractor to specify details of, and undertake, monitoring (as appropriate) as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction		X													DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 7 Archaeology and cultural heritage, Volume I.	To be confirmed after DCO submission.
Mit-GT-147	The Contractor will use standardised noise reduction techniques (Mit-GT-271), and/or phasing of works as necessary as set out in Mit-GP-300.	Contractor to specify details of, and undertake, monitoring (as appropriate) as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction		X					X			X					DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 7 Archaeology and cultural heritage, Volume I.	To be confirmed after DCO submission.

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Mit-GT-148	The Contractor will incorporate a written scheme of geoarchaeological investigation into the Survey-Specific WSI. This will be produced and submitted for approval in accordance with the corresponding requirement in Schedule 2 to the draft DCO (Document reference 3.1, DCO Volume 3).	Contractor to specify details of, and undertake, monitoring (as appropriate) as will be included in the Survey-Specific WSI, to ensure the successful delivery of this commitment.	Construction		X													DCO Schedule 2 (10), Outline WSI. DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 7 Archaeology and cultural heritage, Volume I.	To be confirmed after DCO submission.
Mit-GT-149	Where the removal of vegetation during construction cannot be avoided, reinstatement will be undertaken. The loss of vegetation will be mitigated with replacement planting as close to the location of the existing vegetation as practicable, except where planting over pipeline restrictions exist and subject to limitations set out in the Outline LEMP (see Mit-GP-141).	Contractor to specify details of, and undertake, monitoring (as appropriate) as per the Outline LEMP and as will be included in the detailed LEMPs, to ensure the successful delivery of this commitment.	Construction		X						X							DCO Schedule 2 (4), Outline LEMP.	Design, construction, post-construction. Contractor responsible.	ES Chapter 7 Archaeology and cultural heritage, Volume I.	To be confirmed after DCO submission.
Mit-GT-150	All planting must avoid impacts to significant archaeological remains (both buried and earthwork remains), respect the setting and character of historic assets, and seek to restore heritage features and historic landscapes where feasible and appropriate.	Contractor to specify details of, and undertake, monitoring (as appropriate) as per the Outline LEMP and as will be included in the detailed LEMPs, to ensure the successful delivery of this commitment.	Construction		X													DCO Schedule 2 (4), Outline LEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 7 Archaeology and cultural heritage, Volume I.	To be confirmed after DCO submission.

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Mit-LP-151	Using planting, noise and light controls at AGP and the WRP sites to minimise impacts to archaeological and cultural heritage assets.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment.	Detailed Design		X													DCO Schedule 2 (3), Design Principles Document.	Pre-construction, construction. Contractor responsible.	ES Chapter 7 Archaeology and cultural heritage, Volume I.	To be confirmed after DCO submission.
Mit-LS-152	The Contractor will use appropriate investigative mitigation of Frith Farm crash site as set out within the Outline WSI.	Contractor to specify details of, and undertake, monitoring (as appropriate), as will be included in the Survey-Specific WSI, to ensure the successful delivery of this commitment. Ultimately returns need to be made to Joint Casualty and Compassionate Centre (JCCC) which will offer external validation.	Construction		X													DCO Schedule 2 (10), Outline WSI.	Pre-construction, construction. Contractor responsible.	ES Chapter 7 Archaeology and cultural heritage, Volume I.	To be confirmed after DCO submission.
Mit-LP-153	Design the alignment of Pipelines between Budds Farm Wastewater Treatment Works and the WRP site to avoid all areas of classified Ancient Woodland by at least 15m laterally in the absence of RPA data, and 4m vertically.	N/A	Detailed Design		X	X					X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Assessment, Volume II.	
Mit-LP-154	The Habitat of Principal Importance (HPI), Open Mosaic Habitat (OMH) will be retained where practicable within the WRP site. Mitigation to compensate for the loss of OMH includes a biodiverse green/brown roof at the WRP site (Work Number 1) and ground-level OMH habitat within areas around the WRP buildings and landscaping in the eastern part of the WRP site, as set out in the Outline LEMP (Document reference 7.5, DCO Volume 7).	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with specifications set out in the Outline LEMP and detailed LEMPs, when available.	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-155	Field to West of Gillman Road SINC will be reinstated as follows: - Reinstatement of lowland calcareous grassland in good condition. - Habitat reinstatement will consider soil translocation (preservation and restoration of the existing turf and soil layers) so that the flora seed bank is retained where possible.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with specifications set out in the Outline LEMP and detailed LEMPs, when available.	Detailed Design			X												DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-156	Retain areas of important habitat in EMEA_L_4.	Contractor to appoint suitably qualified ECoW to undertake	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document. DCO	Design, pre-construction, construction.	ES Chapter 8 Terrestrial and freshwater	To be confirmed after DCO submission.

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		monitoring as will be included in the detailed LEMPs.																Schedule 2 (4), Outline LEMP.	Contractor responsible.	biodiversity, Volume I.	
Mit-LP-157	Where practicable, retain and protect hedgerow at access south into temporary construction compound L-1.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-158	Retain and protect hedgerow on eastern border of EMEA_E_1.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed LEMPs.	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP. DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-159	Reduce working width for access off Chalk Lane to 20m through hedgerow.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Detailed Design			X												DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-160	Retain and protect hedgerow on southern border of EMEA_E_1.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed LEMPs.	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP. DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-161	Retain and protect hedgerows on eastern border of EMEA_E_2.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP. DCO	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

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		in the detailed LEMPs.																Schedule 2 (4), Outline LEMP.			
Mit-LP-162	Retain and protect hedgerow on western border of EMEA_E_1.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed LEMPs.	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP. DCO Schedule 2 (4), Outline LEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-163	Where practicable retain and protect hedgerow at access south into temporary construction compound D-1.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-164	Retain and protect hedgerow on western border of temporary construction compound L-10, adjacent to Highbridge Road.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-165	Retain and protect hedgerow on northern border of temporary construction compound G-2.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LP-166	Order Limits to avoid this veteran tree (T167) as this is irreplaceable habitat (RPA and canopy). [Easting, Northing: 456165, 111723].	N/A	Detailed Design			X												DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5	To be confirmed after DCO submission.

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																				Arboricultural Impact Assessment, Volume II.	
Mit-LP-167	Hedgerow/scrub planting: post construction planting of a wide range of native woody species will be used to maximise biodiversity value, including fruit and nut bearing species to provide a food source valuable to protected species.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed LEMP.	Detailed Design			X												DCO Schedule 2 (4), Outline LEMP.	Design, post-construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GP-168	The detailed design will follow the mitigation hierarchy (avoid, minimise, mitigate, compensate) with respect to statutory and non-statutory designated ecological sites.	N/A	Detailed Design			X												DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed Development, Volume I.	To be confirmed after DCO submission.
Mit-GP-169	All construction works or permanent infrastructure will be designed not to directly impact Scheduled Monuments or Listed Buildings.	N/A	Detailed Design		X													DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed Development, Volume I.	To be confirmed after DCO submission.
Mit-GP-170	The detailed design will, where reasonably practicable, seek to minimise impact on landscape, ecology, heritage and water environment (including groundwater and surface water).	N/A	Detailed Design		X	X					X						X	DCO Schedule 2 (3), Design Principles Document.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 3 Description of the Proposed Development, Volume I; ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GP-171	Avoid direct impact on category A trees, where reasonably practicable.	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans; DCO Schedule 2 (3), Design Principles Document.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 3 Description of the Proposed Development, Volume I.	To be confirmed after DCO submission.
Mit-GP-172	The maximum working width for trenched open-cut construction of the Pipeline would be 40m; however, this will be reduced in certain areas to a narrower 20m corridor to avoid and/or reduce the impacts on constraints and sensitivities and to reduce vegetation loss. The locations of these reduced working widths are detailed in	N/A	Construction			X				X	X			X	X			DCO Schedule 2 (6), Outline CEMP.	Design, construction. Contractor responsible.	ES Chapter 3 Description of the Proposed Development, Volume I; Outline CEMP – Appendix A	To be confirmed after DCO submission.

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	the Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans contained in Appendix A of the Outline CEMP (Document reference 7.1, DCO Volume 7).																			Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans (Document reference 7.1, DCO Volume 7).	
Mit-GP-173	Where a reduced working width of 20m is used, there would be no space available to store excavated material. Therefore, in these areas, the Contractor may require the working width either side of the length where the width is reduced to be widened up to 50m for a maximum length of 42m.	N/A	Detailed Design			X				X	X			X	X			DCO Schedule 2 (6), Outline CEMP.	Design, construction. Contractor responsible.	ES Chapter 3 Description of the Proposed Development, Volume I.	To be confirmed after DCO submission.
Mit-GP-174	Avoid direct impacts to ecological statutory designated sites.	N/A	Detailed Design			X												DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Appendix 3.1 Primary Mitigation, Volume II.	To be confirmed after DCO submission.
Mit-GP-175	A minimum of 15m exclusion zone from any construction works to designated ancient woodland habitat will be implemented.	N/A	Construction			X					X							DCO Schedule 1, Works Plans; DCO Schedule 2 (6), Outline CEMP.	Detailed design prepared by Contractor.	Design Principles Document (Document reference 5.11, DCO Volume 5); ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact	To be confirmed after DCO submission.

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																				Assessment, Volume II.	
Mit-GP-176	Implement a 15m horizontal buffer between designated ancient woodland and all construction works and permanent infrastructure. For individual ancient or veteran trees, the buffer between the tree and all construction works and permanent infrastructure is dependent on the root protection area. The Contractor will ensure that in respect to trenchless excavation solutions beneath ancient or veteran tree buffers and ancient woodland buffers, both launch and receptor pits are located outside buffer zones and that a minimum depth of 4m is maintained between the surface level and the outer diameter of the bore. For all other trees to be retained and subject to site location, soil type and proximity to tree centres a minimum depth of 3m from the outer diameter of the bore and the surface level will be maintained, in consultation with the Proposed Development engineer and Arboriculturist.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Detailed Design			X					X							DCO Schedule 1, Works Plans; DCO Schedule 2 (6), Outline CEMP.	Detailed design prepared by Contractor.	ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; Design Principles Document (Document reference 5.11, DCO Volume 5); ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II.	To be confirmed after DCO submission.
Mit-LP-177	Avoidance of veteran tree RPA [Easting, Northing: 454399, 115355].	N/A	Detailed Design			X					X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II.	To be confirmed after DCO submission.
Mit-GT-178	Training for all staff will include reference to the importance of adhering to the contents of the detailed CEMP(s) and the potential consequences of departure from specified	Contractor to specify details of, and undertake,	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction.	ES Chapter 8 Terrestrial and freshwater	To be confirmed after DCO submission.

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	method statements. Those participating in or near to specific activities that have an environmental impact will be required to attend additional training or toolbox talks, which will be led by the Contractor, supported by appropriate specialists on topics such as ecological species, location-specific talks, pollution control, waste management and emergency procedures for minor and major incidents.	monitoring (as appropriate) in accordance with the detailed CEMP(s).																	Contractor responsible.	biodiversity, Volume I.	
Mit-GT-179	The DCO will seek sufficient powers to allow continued access to environmental mitigation works for the purposes of monitoring and management as necessary.	N/A	Construction			X					X						X	DCO Schedule 5.	Pre-construction, construction, post-construction. Applicant responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-180	The Contractor will implement good practice measures to mitigate construction-related effects on biodiversity associated with dust deposition, air pollution, pollution incidents, water quality, light, noise and vibration. The Outline CEMP (Document reference 7.1, DCO Volume 7) includes proactive actions and measures to control pollution risks.	Contractor to specify details of, and undertake, monitoring (as appropriate) in accordance with the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-181	Construction working areas and haul routes will be clearly demarcated in the detailed CEMP(s) prepared by the Contractor and boundaries adhered to where these are located adjacent to retained habitats.	Contractor to produce Management Plan, specify details of, and undertake, monitoring (as appropriate) as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-182	The Contractor will comply with relevant protected species legislation. Appropriate licences to be obtained where necessary from Natural England for all works affecting protected	Contractor to specify details of, and undertake,	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction.	ES Chapter 8 Terrestrial and freshwater biodiversity,	To be confirmed

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	species, as identified by the ES. The draft badger *Meles meles* and hazel dormouse *Muscardinus avellanarius* mitigation licences (for which Letters of No Impediment have been issued by Natural England) will be updated and final mitigation licences for these species will be obtained. If requirements for mitigation licences are identified through pre-construction surveys for other protected species (including, but not limited to, bats, otter *Lutra lutra*, water vole *Arvicola amphibius* or Schedule 1 birds), these will be obtained from Natural England. Great crested newt *Triturus cristatus* (GCN) compensation will be provided through District Licensing (DL) with NatureSpace where the local authority is signed up to a DL scheme. A post-consent reassessment will be carried out to appropriately quantify the actual planned impacts on GCN and the resulting licence conditions. An impact plan will be included in the detailed CEMP(s), which will also set out location specific mitigation requirements during construction. All applicable works will be undertaken in accordance with the relevant mitigation requirements and conditions set out in these licences. Any protected species licences secured are likely to include monitoring requirements. This is to ensure the mitigation stipulated within the licence is achieving the objectives set. The results of the monitoring will inform any remedial work required or any further monitoring requirements to be undertaken by the Contractor as well as reporting requirements.	monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with any conditions specified in the Final Mitigation Licences, District Licensing or Organisational Licence, for protected species, as outlined in the detailed CEMP(s).																Contractor responsible.	Volume I; Protected Species Licensing (Document reference 7.14, DCO Volume 7).	after DCO submission.
Mit-GT-183	Pre-construction surveys will be undertaken for protected habitats and species by the Contractor to confirm and update the baseline survey findings, as detailed in ES Chapter 8, Terrestrial and freshwater biodiversity, Volume I (Document reference 6.1, DCO Volume 6), and ensure the current mitigation proposals remain appropriate. The survey areas for pre-construction surveys are determined by the	Contractor to specify details of, and undertake, monitoring (as appropriate) as will be included in the detailed CEMP(s), to	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	distances within which, works associated with the Proposed Development may result in contravention of biodiversity legislation. Pre-construction surveys for terrestrial biodiversity will include (but are not limited to): -Field signs walkover surveys for badger of the Order Limits plus 30m, or when confirmed the working width plus 30m to update the status of known setts and to record new setts. This will inform the final licence application and detailed mitigation design. Monitoring of setts will be undertaken if required, to assist with sett classification and determining appropriate mitigation. -Update surveys of trees and buildings for bat potential and roost presence within the Order Limits, plus 10m, or when confirmed the working width plus 10m. -Field signs surveys for otter and water vole to be undertaken 200m upstream and downstream of watercourse crossing points and other working areas within 30m of a watercourse. -Habitats survey to record an assessment of changes to the baseline within the Order Limits or when confirmed the working width. -Breeding bird walkover surveys of suitable habitat within the Order Limits or when confirmed the working width. -Targeted Schedule 1 bird surveys if construction works are completed during the bird nesting season (March to August inclusive) within suitable habitat. Terrestrial biodiversity pre-construction surveys will be undertaken in accordance with relevant protected species licensing requirements (where applicable).	ensure the successful delivery of this commitment.																		
Mit-GT-184	An appropriately qualified and experienced ECoW will be available during the construction phase to advise, supervise, and report on the delivery of the mitigation measures and controls outlined in the detailed CEMP(s). The ECoW will be supported as necessary by appropriately qualified specialists. The ECoW will ensure that	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	all measures included within the detailed CEMP(s) are implemented.	in the detailed CEMP(s).																			
Mit-GT-185	Where individuals of any species protected by biodiversity legislation are identified during the works, construction operations will stop in those areas and the ECoW contacted for further advice on how to proceed, as indicated in the detailed CEMP(s). Relevant legislation for protected species comprises: -Wildlife and Countryside Act 1981 (WCA) (as amended) [7]. -Protection of Badgers Act 1992 (as amended). -Natural Environment and Rural Communities Act 2006 (NERC) (as amended). -Conservation of Habitats and Species Regulations 2017 (as amended) [8].	Monitoring to be undertaken in accordance with Mit-GT-184 as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-186	Fencing to prevent access of site personnel, machinery and storage of materials will be used where necessary to protect retained habitats and avoid species mortality. The fencing will not restrict passage of wildlife and will be monitored and maintained.	Monitoring to be undertaken in accordance with Mit-GT-184 as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-187	The removal of vegetation with the potential to support nesting birds will be avoided during the breeding bird season, where reasonably practicable, by programming removal for the period outside of this season. The bird breeding season is defined by the Government as March to August inclusive [9], but several species may nest outside of this period and the Contractor's decisions will be informed by an experienced ornithologist. If it is not possible to remove vegetation outside of the breeding bird season, then the risk will be mitigated by pre-construction checks by a suitably experienced ornithologist and carried out within a maximum of 24-48 hours prior to the start of any construction work including enabling. An appropriate methodology for checking if active nests are present will be determined by an ECoW following good practice and based on habitat type and visibility.	Monitoring to be undertaken in accordance with Mit-GT-184 as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	Where there is low visibility of the vegetation and an increased risk of an active bird nest not being detected, pre-construction checks for nesting birds is not appropriate and vegetation removal will be conducted outside of the breeding bird season or once the vegetation is deemed inactive from bird activity. If active nests are found, appropriate protection measures will be put in place. Measures will include implementing exclusion zones around active nests until chicks fledge (no longer reliant on the nest) or nests become inactive as determined by monitoring undertaken by an ECoW. Exclusion zones will vary due to differences in anthropogenic disturbance thresholds between species and will be determined in consultation with a suitably experienced ornithologist.																			
Mit-GT-188	Habitat with the potential to support hibernating protected species (comprising common reptiles, amphibians and hazel dormouse) will not be removed between November and March (inclusive) without supervision by the ECoW, or unless previous mitigation has been implemented to exclude, remove, or encourage these animals out of the works area (e.g. habitat manipulation for dormice and reptiles). This will be undertaken in accordance with the hazel dormouse licence method statement(Document reference 5.4, DCO Volume 5) as the hibernation period is variable depending on weather conditions.	Monitoring to be undertaken in accordance with Mit-GT-184 as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-189	Where working after dark is necessary, task lighting will be of the lowest luminosity necessary for safe delivery of each task and will be designed, positioned and directed to avoid light spill on sensitive habitats and, wherever practicable, to avoid any light spill within 20m of any confirmed bat roost.	Contractor to specify details of, and undertake, monitoring (as appropriate) as will be included in the detailed CEMP(s), to ensure the successful	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Design, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

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		delivery of this commitment.																			
Mit-GT-190	Working within statutory and non-statutory sites designated for their ecological features will be controlled using a variety of methods. These will take account of the reasons for designation to identify the appropriate techniques to reduce impacts. This could include reducing working corridor widths or the use of low ground pressure plant.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-191	Pre-construction habitat suitability assessment surveys for freshwater ecological receptors will be undertaken at all watercourses where open-cut construction is proposed, including assessments for white-clawed crayfish *Austropotamobius pallipes* and southern damselfly *Coenagrion mercurial* within the River Itchen and River Meon catchments only and assessments for Southern iron blue mayfly *Baetis niger* in the River Itchen catchment only. Should suitable habitat for these species be identified, dedicated surveys will be undertaken to establish their presence or absence prior to the start of any construction work including enabling, and works will only proceed under a method statement delivered by the ECoW, which may include (but is not limited to) ensuring appropriate timing of the works, exclusion works or altering the construction method to ensure damage to or removal of suitable habitat is limited. Should the potential for migratory fish be identified, works undertaken in these channels will be reduced or restricted to avoid sensitive spawning and migratory periods of the species present. Additionally, the flow will be maintained during construction for all trenched open-cut watercourse crossings (such as a temporary side channel), and fish relocation will be undertaken in the immediate vicinity of the works area if necessary. If fish relocation is required, permits will be obtained from the Environment Agency (EA) by the Contractor prior to work commencing at open-cut crossings	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

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	of watercourses. For Ordinary Watercourses in Hampshire an Ordinary Watercourse Consent (OWC) or land drainage consent is also needed from Hampshire County Council. Should the potential for any notable macroinvertebrate species be identified in the pre-construction habitat suitability assessments, appropriate mitigation will be applied specific to the nature of that species. Mitigation might include relocating of any larger species to safe locations to avoid direct impacts, or consideration of the timing of the construction works to avoid key lifecycle stages for very sensitive species. There will be no open-cut crossings of Main Rivers.																				
Mit-GT-192	Where reasonably practicable, no works will take place within five metres of the bank top of any watercourse. Where this is not reasonably practicable (i.e. at crossing points) good practice guidance for pollution prevention will be followed , and vegetation will not be removed from the banks unless necessary to undertake the works. Where vegetation removal is required, removal will be restricted to the smallest practicable footprint and will be allowed to regenerate naturally.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-193	All habitats suitable for common reptiles and amphibians within the Order Limits or working width when confirmed will be subject to two-stage habitat manipulation between mid-March and mid-October under the supervision of an ECoW. Vegetation clearance will be achieved using appropriate equipment having regard to the type of vegetation to be removed, the area affected and the risk of killing or injuring reptiles or amphibians. Construction works could commence immediately after completion of the second stage of habitat clearance. The two-stage clearance will encourage dispersal towards adjacent, suitable habitat. A temporary but secure fencing may be used to prevent reptiles or amphibians from moving into	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

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	construction areas. Should displacement of either type not be possible then translocation to an appropriate and agreed receptor site will be undertaken following surveys. This would be undertaken following a Reptile Translocation Strategy produced by the Contractor in line with relevant guidance to prevent killing or injury of common reptile species.																				
Mit-GT-194	Where practicable, habitat piles and hibernacula will be constructed throughout the Proposed Development areas using natural materials generated during clearance of the site, such as logs, branches, turf and grass cuttings. These will provide refuge and hibernation opportunities for amphibians and reptiles, and dead wood habitat for invertebrates, which will in turn benefit fauna such as bats and birds.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (4), Outline LEMP; DCO Schedule 2 (6), Outline CEMP.	Design, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-195	Where there is a risk of animal entrapment, such as where excavations must be left open overnight and cannot be covered, one 45° ramp every 50m will either be included in the construction of the excavation or placed within it to allow animals to escape. Deeper excavations will be appropriately fenced to prevent animals from gaining access. All excavations left open overnight or longer will be checked for animals prior to the continuation of works or infilling. This will be undertaken by either the ECoW or the biodiversity representative within the construction team. If an animal is found within the excavation during these checks the ECoW will be contacted and they will attend to assess the situation and release the animal if possible. Any pipework left open at night (stored or under construction) should be sealed up overnight, from at least two hours before sunset to after sunrise.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Design, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-196	The Contractor will follow location-specific construction measures to manage aquatic INNS. Measures are set out in an INNS	Contractor to specify details of, and	Construction			X												DCO Schedule 2 (14), INNS Biosecurity Plan.	Pre-construction, construction,	ES Chapter 8 Terrestrial and freshwater	To be confirmed

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	Biosecurity Plan which is provided with the DCO application. The INNS Biosecurity Plan, along with ongoing design of environmental mitigation, ensures that the risk of spread of aquatic and terrestrial INNS is controlled and mitigated.	undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with specifications set out in the INNS Biosecurity Plan.																	post-construction. Contractor responsible.	biodiversity, Volume I.	after DCO submission.
Mit-GT-197	The Contractor will monitor habitat planting as outlined within the Outline LEMP (Document reference 7.5, DCO Volume 7) and Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7). This includes following an aftercare regime which incorporates the quick replacement of any failed planting and undertaking of any remedial work required, ensuring compliance with environmental legislation, consents, agreements, planning permissions, authorisations, and commitments. These measures will integrate with industry good practice and include monitoring and reporting requirements to demonstrate continued compliance.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with specifications set out in the Outline LEMP and detailed LEMPs, when available.	Operation			X												DCO Schedule 2 (4), Outline LEMP; DCO Schedule 2 (5), Biodiversity Gain Plan.	Post-construction, construction, operation. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LT-198	To prevent wildfowl nesting (particularly Canada goose *Branta canadensis*, greylag goose *Anser anser* and Egyptian goose *Alopochen aegyptiaca*), within proximity of the temporary water storage lagoons, the Contractor will implement the following: - Installation of mesh fencing around the perimeter of the temporary storage lagoon, prior	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

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	to filling with water, to prevent direct movement of wildfowl from adjacent terrestrial habitat. Wildfowl that nest on the perimeter of waterbodies require direct access from the terrestrial habitat to the lagoon. Therefore, the installation of barrier fencing is deemed an effective method to prevent nesting activity. - Display wildfowl nesting prevention signage on the mesh fencing. - The mesh fencing will be at least 90cm high, suitable mesh size two to five cm mesh size) and fitted with no gaps at the bottom of the fence line or around the perimeter [2] [3] [4] Review the integrity of the mesh fencing every day and if the mesh fencing becomes damaged, repair immediately. - Remove fencing when the temporary storage lagoon is empty and requires removal. If wildfowl directly land on the waterbody and are observed loafing on the temporary storage lagoon: - The Contractor will contact a suitably experienced ornithologist. - The ornithologist will record the date, time, species, number and behaviour of individuals present on the temporary storage lagoon. - A dynamic risk assessment will be undertaken to determine whether acoustic deterrents and/or shade balls require installation to prevent loafing activity on the temporary storage lagoons. - The above will all be reviewed by the Contractor prior to construction (including enabling) and commissioning. Four of the seven total lagoons are located within 13km of Southampton Airport, if any changes to the approach for these lagoons are required, the airport authorities will be consulted on changes to the mitigation approach and agreement sought.																			

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Mit-GT-199	Operatives requiring access to site will undertake driver awareness training to mitigate the risk of collision with wildlife when utilising private access roads. The driver awareness training will focus operative driver speed safety when using access roads to sites.	N/A.	Operation			X												DCO Schedule 2 (13), OEMP.	Pre-construction, construction, operation. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-200	External lighting during Operation: The Contractor will be responsible for maintaining, repairing, and replacing lighting systems during the operation stage in accordance with the approved design principles and specifications. All lighting installations at WRP site and AGP sites will comply with standards and guidance, including those from the Institution of Lighting Professionals (ILP) and Bat Conservation Trust (BCT) (Guidance Note GN08/23: Bats and Artificial Lighting at Night). Operational practices will ensure that luminaires do not exceed a correlated colour temperature of 2700K, maintaining environmental compliance and minimising ecological impacts.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with specifications set out in the OEMP.	Operation			X	X											DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (13), OEMP.	Design, operation. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 9 Marine biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LT-201	Construction works will be timed to avoid the non-breeding bird season (September to March inclusive) within candidate Solent Wader and Brent Goose Strategy (SWBGS) [5] site W03G and an adjacent buffer of at least 175m, which aligns with the western field boundary in the field immediately west of Pigeon House Lane, and the eastern field boundary in the field immediately east of Mile Lane. Any existing or created gaps in these hedgerows as a result of the Proposed Development will be filled with visual/acoustic fencing (ready hoard or Heras fencing). If piling is required within 200m of candidate site H130 it will be timed to avoid the non-breeding bird season (September-March inclusive). Where temporary habitat losses occur within this area (i.e. for pipeline installation and any other areas required to facilitate the construction such as the haul route or soils storage) these will be fully reinstated as set out	Contractor to appoint suitably qualified ECoW to undertake monitoring during construction as per Outline CEMP and as will be included in the detailed CEMP(s). The monitoring of any habitat created or enhanced for SWBGS sites will be undertaken by a suitably qualified	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

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	in the reinstatement strategy in the Outline LEMP (Document reference 7.5, DCO Volume 7). Additionally, where construction works result in noise disturbance levels at the boundaries of sites H08, H130 and H90 of more thane 50dB LAeq or an agreed level above baseline noise levels (to be agreed with Natural England), watching briefs will be required during the non-breeding bird season (September to March inclusive) to determine species presence and abundance within the Zone of Influence (ZoI) of the works. The watching briefs are proposed for at least two hours either side of high tide. If 1% or more of the estimated population of any one qualifying species of Chichester and Langstone Harbour SPA and Ramsar and Portsmouth Harbour SPA and Ramsar are present within the ZoI during proposed enabling and construction works, works estimated to produce noise more than 50dB LAeq or an agreed level above baseline noise levels (to be agreed with Natural England) will cease. This aims to prevent adverse effects on site integrity of the qualifying species populations due to anthropogenic disturbance. The number of birds considered to be 1% of the qualifying species population will be informed by the estimated citation population for the Habitats Site and recent Wetland Bird Survey (WeBS) core count data. For qualifying species locally or regionally in decline, the 1% threshold may not be sufficient to ensure no adverse effects on site integrity and therefore, this threshold will be considered on a species-specific basis. Watching briefs may also be required during construction works predicted to be greater than 50LAeq and undertaken outside of this timeframe (two hours either side of high tide). The approach to undertaking watching briefs outside of this timeframe will be discussed and agreed under consultation with Natural England prior to any noisy works commencing. The ZoI and the required survey area for watching briefs will be up to 300m depending on the type of construction works being undertaken. This ZoI	ecologist for a minimum of three years (to be agreed by Natural England): six visits per year (spread from September – March inclusive) as per the Outline CEMP.																		

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	will be agreed based on noise contour figures and consultation with Natural England. Good practice measures including the insulation of pumps, generators and plant, and installation of acoustic fencing (ready hoard or Heras fencing) around sensitive areas within the construction footprint will be implemented to reduce noise and visual disturbance to SWBGS sites associated with Chichester and Langstone Harbour Special Protection Area (SPA) and Ramsar and Portsmouth Harbour SPA and Ramsar. In addition, a 'soft start' methodology will be implemented if percussive or vibration piling works is required at Budds Farm WTW. For example, a soft start methodology adopted for percussive piling maintains the hammer energy at 10% for approximately 35 minutes and increases the hammer energy to between 20 – 95% for a maximum of 200 minutes [6]. The slow increasing of noise levels will avoid a sudden impulsive loud noise and the subsequent startle effect on qualifying species present. If temperatures of 0ºC or lower occur within a 24-hour period, for five consecutive days, leading up to or during any activities that will produce noise levels above 50dB LAeq at the boundaries of sites H08, H130 and H90, then works estimated to produce noise levels above 50dB LAeq or an agreed level above baseline noise levels (to be agreed with Natural England) must cease. Once temperatures have been above 0ºC for three consecutive days works can then recommence. A bespoke mitigation approach for the loss of SWBGS low use site H08, located at the WRP site, will be delivered off-site by a third party. Monitoring requirements of the off-site mitigation site will be specified within the management plan for the mitigation site.																			
Mit-LT-202	At locations of visibility splays, mitigation measures may be required including restrictions around vegetation removal and traffic management. The locations and any specific	Contractor to appoint suitably qualified ECoW to undertake	Construction			X					X					X		DCO Schedule 2 (4), Outline LEMP; DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction.	ES Chapter 8 Terrestrial and freshwater	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	measures will be confirmed in the detailed CEMP(s).	monitoring during construction as per Outline LEMP and as will be included in the detailed CEMP(s).																	Contractor responsible.	biodiversity, Volume I.	
Mit-GT-203	Construction lighting design and use of ad hoc lighting during construction will follow guidance set out in the ILP and BCT good practice guidelines for lighting.	Contractor to appoint suitably qualified ECoW to undertake monitoring which will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LT-204	A minimum 10m exclusion zone from hedgerow H250 [Easting, Northing: 448852, 120641] will be established to avoid construction disturbance and impact. See ES Figure 8.9 UK Habitat Classification for linear features and important hedgerows within the field survey area, Volume III (Document reference 6.3, DCO Volume 6). Root protection areas (RPAs) will be enforced using suitable fencing to ensure no excavations, soil compaction or damage to roots and canopy within the exclusion zone.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-205	The Contractor will follow operational measures to manage aquatic INNS. Measures are set out in the INNS Biosecurity Plan. The INNS Biosecurity Plan, along with ongoing design of environmental mitigation, ensures that the risk of spread of aquatic and terrestrial INNS is controlled and mitigated.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with specifications set out in the	Operation			X												DCO Schedule 2 (14), INNS Biosecurity Plan.	Pre-construction, construction, post-construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
		INNS Biosecurity Plan.																			
Mit-GS-206	To reduce the risk of harm to other notable fauna, such as herptiles and notable mammals that are not subject to licensing, standard mitigation will be implemented where appropriate. This could include measures such as habitat manipulation (to reduce the suitability of habitats within the works footprint and to encourage animals to disperse), fingertip searching and supervised destructive searches of potential refuges.	Contractor to appoint suitably qualified ECoW to undertake monitoring during construction as as will be included in the detailed CEMP(s) to ensure the successful delivery of this commitment. Monitoring to be undertaken by ECoW.	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GS-207	Mitigation secured for bats under a Natural England protected species licence will be adhered to.	Contractor to specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with any conditions specified in the Final Bat Licence.	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GS-208	Mitigation secured for badger under a Natural England protected species licence will be adhered to.	Contractor to specify details of, and undertake,	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction.	ES Chapter 8 Terrestrial and freshwater	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
		monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with any conditions specified in the Final Badger Licence.																	Contractor responsible.	biodiversity, Volume I.	
Mit-GS-209	Mitigation secured for hazel dormouse under a Natural England protected species licence will be adhered to.	Contractor to specify details of, and undertake, monitoring (as appropriate), as will be included the detailed CEMP(s), to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with any conditions specified in the Final Hazel Dormouse Licence. Post-construction monitoring for hazel dormouse may be undertaken at two locations (to	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction, post-construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
		be confirmed), the purpose of which will be to confirm populations of hazel dormouse are still present following construction. The requirement for this monitoring will be confirmed in the Final Hazel Dormouse License. If undertaken, monitoring locations will be selected to ensure representation across the Proposed Development, where positive results have been identified in field surveys and where there is suitable woodland habitat present to install nest boxes. Locations will be determined by the Named Ecologist (as detailed in the Final Hazel Dormouse Licence). Monitoring will be undertaken																			

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		using 50 nest boxes at each location and will be carried out at least twice per year (May or June and September or October) for five years post-construction.																			
Mit-GS-210	The following mitigation measures will be implemented for otter where works are unavoidable within 30m of a watercourse: - No night works, when otter are most active, will take place at temporary construction compounds L-7 and L-8 and the corridor buffer between these compounds will be maintained and left undisturbed at night-time. - Implementation of a 15m buffer between the Bow Lake watercourse and pipeline construction works outside of temporary construction compound L-5, L-6 and L-7. - Adoption of sensitive construction methodologies to ensure continued accessibility for otter to the majority of suitable foraging and commuting habitats while securing works areas where the risk to individual otter is greatest. - The 30m buffer will be imposed around any resting site before any work starts on-site using fencing to restrict construction disturbance, whilst not affecting otter movement through suitable retained habitats. It would be clearly demarcated using coloured tape, chestnut pale fencing, steel mesh fencing or similar. - Additional noise or light screening or other suitable light and noise abatement measures (in place of or additional to natural screening that might be delivered through habitat enhancement along the watercourse) may be implemented according to risk and as advised by the ECoW. - If a natal site is confirmed or suspected to support otter cubs, the buffer will be extended	Contractor to specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with any protected species licences, if required.	Construction			X											DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	to 200m of the natal site, with works within this buffer being suspended for approximately eight to ten weeks until it has been confirmed the cubs are mobile, or presence of cubs is ruled out. - Access for otter to the riparian zones utilised by otter will be maintained at all times, including through the provision of temporary bypasses if determined to be required following pre-commencement surveys. - Impacts to established otter paths and traditional routes along watercourses and within supporting riparian zones during the construction phase would be reduced. - Cessation of certain works during night-time hours, or curtailment of works within two hours of sunset or sunrise. - For construction within 200m of a watercourse known to support otter, the ECoW will assess and identify any potential entrapment, barrier or collision risk for otter and provide advice accordingly.																			
Mit-GS-211	Mitigation secured for water vole may include displacement. If required, displacement will, if reasonably practicable, be undertaken in the spring seasonal window (between 15 February and 15 April), when water vole is establishing breeding territories. If this is not reasonably practicable, it will be carried out in the autumn seasonal window (between 15 September and 31 October). Displacement to be carried out under the supervision of an appropriately licenced individual.	Contractor to specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with any protected species licences, if required.	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GS-212	Fish rescue and relocation to an unimpacted refuge may be required at open-cut	Contractor to specify details	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction,	ES Chapter 8 Terrestrial and	To be confirmed

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	watercourse crossings prior to and construction works commencing (including enabling). This will be dependent on the hydrological connectivity of the impacted area and whether opportunity is present for fish to move out. Flows across dammed sections will be maintained through the use of pumps, pipes or flumes. Construction work at these locations will be undertaken outside of fish migration or spawning periods to avoid effects (where reasonably practicable).	of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.																	construction. Contractor responsible.	freshwater biodiversity, Volume I.	after DCO submission.
Mit-GS-213	Where barn owl *Tyto alba* nest sites may be directly lost via physical removal due to construction activities (including enabling) or these activities are likely to cause the disturbance or displacement of barn owl from a known nest site, these nest sites will be carefully boarded over or capped while inactive and removed. Alternative nest sites (two nest boxes; second box provides a roost site) would be provided at least 30 days before the start of enabling works. The nest boxes will be installed nearby, but at a distance not subject to disturbance from the Proposed Development, ideally within 200m of the existing nest site and in compliance with guidance outlined in Shawyer [7]. Enabling works within 175m of a nest site will be reviewed in advance on a site by site basis by a suitably qualified ornithologist, to determine if there is a risk of disturbance or displacement of barn owl.	Contractor to specify details of, and undertake, monitoring (as appropriate), as per the Outline LEMP and as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction			X												DCO Schedule 2 (4), Outline LEMP; DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GS-214	A habitat reinstatement strategy has been produced for the Proposed Development. The strategy provides information on seeding and planting specifications, including plant mixes and will include areas of habitat creation required for secondary mitigation. This strategy forms part of the Outline LEMP (Document reference 7.5, DCO Volume 7) (and therefore the DCO application) and includes elements of secondary mitigation such as reinstating habitats at open-cut trench sections as soon as possible following the completion of construction of a crossing where key features	Contractor to specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction			X												DCO Schedule 2 (4), Outline LEMP; DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction, post-construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

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	are a priority for immediate reinstatement. In addition to this, secondary mitigation to address the loss of HPI or high distinctiveness habitats may require translocation of botanical plants of interest or turves of species rich habitats, or creation of new areas of habitats subject to loss within the Order Limits.	Monitoring to be undertaken in accordance with specifications set out in the Outline LEMP and detailed LEMPs, when available.																			
Mit-GS-215	Any protected species licences secured are likely to include monitoring requirements. This is to ensure the mitigation stipulated within the licence is achieving the objectives set. The results of the monitoring will inform any remedial work required or any additional monitoring requirements to be undertaken by the Contractor.	Contractor to undertake monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with the specification set out in the protected species licences.	Operation			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction, operation. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LS-216	An unobstructed path within the Order Limits will be provided and maintained throughout construction for use by badgers between dusk and dawn, connecting a known sett to wider foraging and territorial areas. No location details or sett reference are provided here due to the risk of persecution faced by this species; specifications to be detailed in the badger mitigation licence.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s) and in accordance with monitoring requirements in final protected species licences.	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction, and post-construction.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GS-217	Biosecurity measures will be implemented at locations of badger sett closures and high levels of badger activity (including disinfection of footwear and equipment). The Contractor will regularly review	Contractor to appoint suitably qualified ECoW to undertake monitoring as	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

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	https://www.ibtb.co.uk/ for information regarding local outbreaks in relation to locations of badger sett closures. If necessary, in the case of a severe outbreak, an Infectious Disease Risk Assessment will be produced in consultation with Natural England.	will be included in the detailed CEMP(s).																			
Mit-GS-218	Post construction the reinstatement of hedgerows and treelines that are Key Connective Locations (KCL) for bats will be with 1.5m standards rather than whips to ensure impacts are as short-term as possible with a quicker establishment period. Once planted, the reinstated habitat will require the retention of temporary fencing to ensure flightlines are retained whilst the habitat becomes sufficiently established. Monitoring will be required to advise if any remedial action is required as well as and advise on when the removal of temporary fencing is possible. Bolstering of adjacent retained hedgerows to be undertaken where key bat foraging and commuting hedgerows will be impacted by the works.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to include post-construction surveys of 23 KCLs. A minimum of six crossing surveys (including at least three dusk surveys) will be conducted at each KCL every two years up to ten years post-construction. Hedgerow reinstatement monitoring at KCLs to be undertaken in line with the Outline LEMP. Monitoring will be required to advise if any remedial action is required as well as when the removal of	Detailed Design			X												DCO Schedule 2 (4), Outline LEMP.	Design, post-construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity; ES Chapter 13 Landscape and visual, Volume I.	To be confirmed after DCO submission.

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		temporary fencing is possible.																			
Mit-GP-219	No construction works or permanent infrastructure will be located within the Chichester Harbour National Landscape.	N/A	Detailed Design								X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed Development, Volume I.	To be confirmed after DCO submission.
Mit-LT-220	For construction of SuDS outfall at the intertidal section of Hermitage Stream, a temporary cofferdam or sandbags, or other appropriate measure, will be used to enclose and create a dry environment for concrete work near water. Any water that enters the cofferdam (if used) would be over pumped back into the Hermitage Stream (before construction of the SuDS outfall commences), ensuring no contamination enters the watercourse.	Checking that the SuDS outfall construction method statement documents produced by the Contractor specify details of, and undertake, monitoring (as appropriate), as outlined within the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction				X											DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 9 Marine biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-LT-221	If the Contractor would have unenclosed construction activities at the intertidal section of Hermitage Stream, the Contractor will review the need for monitoring of water turbidity and use of a barricade system to prevent dispersion of sediment.	Checking that the SuDS outfall construction method statement documents produced by the Contractor specify details of, and undertake, monitoring (as appropriate), as outlined within the detailed CEMP(s), to	Construction				X											DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction, post-construction. Contractor responsible.	ES Chapter 9 Marine biodiversity, Volume I.	To be confirmed after DCO submission.

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		ensure the successful delivery of this commitment.																			
Mit-LT-222	If sheet piling is to be used for a temporary cofferdam (see Mit-LT-220) piling activity will be operated at either side of low tide (targeting in the dry, or slack water) as far as reasonably practicable to reduce underwater noise, and with a soft-start procedure to avoid sudden increase in noise.	Checking that the SuDS outfall construction method statement documents produced by the Contractor specify details of, and undertake, monitoring (as appropriate), as outlined within the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction				X											DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 9 Marine biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GP-223	All water infrastructure assets will be designed to be resilient for the anticipated climate conditions at the end of its operational life. This includes meeting requirements on ambient design temperatures and wind pressures provided in relevant British Standards. The permanent water infrastructure assets will use materials that provide sufficient thermal protection to mitigate the risk of increased high temperatures.	N/A	Detailed Design					X										DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.
Mit-GP-224	The pipeline between the WRP site and Bedhampton Springs has been designed so that one section utilises Portsmouth Water's pipelines (which are subject to a separate planning consent), therefore reducing the quantity of materials, fuel consumption in on-site construction activities and vehicle movements required for the Proposed Development.	N/A	Detailed Design					X										DCO Schedule 1, Works Plans.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.

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Mit-GP-225	Detailed design of the Proposed Development will include measures to reduce carbon emissions across the whole lifecycle as far as reasonably practicable and in accordance with the Outline CMP or the relevant approved CMP.	N/A	Detailed Design					X										DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (12), Outline CMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.
Mit-LP-226	Finished floor levels at AGP will be a minimum of 150 mm above the ground level, which is in line with standard UK Building Regulations.	N/A	Detailed Design					X										DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.
Mit-LT-227	The design of the Proposed Development will include consideration for the management of flood pathways and maximising the use of SuDS. This includes climate change allowances to mitigate the effect of flooding from increased precipitation and rain intensity.	N/A	Detailed Design					X										DCO Schedule 2 (15), SuDS Strategy.	Design, pre-construction. Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I; ES Chapter 19 Water environment, Volume I; ES Appendix 19.1 Flood Risk Assessment, Volume II.	To be confirmed after DCO submission.
Mit-GT-228	Climate Resilience during Operation: Operational activities will include monitoring and maintenance of relevant assets following severe weather events (such as extreme temperatures, high winds/storms or intense rainfall) to ensure assets remain safe and are capable of suitable operation. Where checks identify damage or reduced performance linked to climate related stresses, appropriate mitigation, repair or operational adjustments will be implemented. Replacement of components will consider, where practicable, sector or technological developments that support long term climate resilience.	Contractor to specify details of, and undertake, monitoring (as appropriate) as per the OEMP to ensure the successful delivery of this commitment.	Operation					X											DCO Schedule 2 (13), OEMP.	Post-construction, operation. Applicant responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.
Mit-GT-229	The Contractor will adopt the following measures to account for the exposure of site workers and construction plant to extreme weather events - ensuring appropriate preparation and responses are in place to reduce the impact of climate change hazards during construction:	Contractor to specify details of, and undertake, monitoring (as appropriate) as outlined within	Construction					X										DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.

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	- Schedule construction activities based on timely weather forecasts. - Monitor on-site weather conditions and severe weather alert services. - Incorporate a severe weather protocol and assign clear responsibilities in the event of an emergency. - Include additional provisions in their management plans based on weather conditions during construction such as additional rest breaks during heatwaves, securing stored equipment and material during high wind events and specifying de-icing equipment during cold spells.	the detailed CEMP(s), to ensure the successful delivery of this commitment.																			
Mit-GT-230	The Contractor will address temporary trench stability by taking a number of factors into account, such as the presence of high groundwater and unstable granular soils. Temporary works will be designed to meet current and short-term conditions, which will take into account foreseeable weather and climate conditions. Any risk assessments compiled during the construction phase would take into account any relevant emergency procedures.	Contractor to specify details of, and undertake, monitoring (as appropriate) as outlined within the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction					X										DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.
Mit-GT-231	The Emergency Response Plan will include mitigation in the event of a pipe leak or burst. Incident classification and escalation protocols will be prepared in accordance with the Pipelines Safety Regulations 1996. The Emergency Response Plan will include communication and coordination procedures with emergency services and set out measures to prioritise public safety both in the immediate pipeline rupture vicinity and the overall system. The Emergency Response Plan will also include environmental containment measures. It will set out communication and coordination procedures with the Environment Agency on implementation of containment measures and	Contractor to specify details of, and undertake, monitoring specified in the Emergency Response Plan (as appropriate) to ensure the successful delivery of this commitment.	Operation									X						DCO Schedule 2 (13), OEMP.	Post-construction, operation. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	strategies, where reasonably practicable, including to prevent the spread of INNS. The Emergency Response Plan will clearly indicate the procedure for controlling discharge events, including timely notification and communication with relevant emergency services, regulators and local authorities, in accordance with agreed incident response and escalation protocols. Formal incident reporting will be undertaken following initial response and stabilisation of the event.																				
Mit-GT-232	The Emergency Response Plan will include emergency procedures to be followed in the event of a wildfire affecting the Proposed Development, coordination with Fire and Rescue Services, and post-incident recovery actions. The Emergency Response Plan will provide for site-specific wildfire risk assessments to be undertaken, including vegetation management. These measures align with Natural England's NEER014 guidance [8] and the Forestry Commission's wildfire resilience framework [9] and relevant UK obligations under the Construction (Design and Management) Regulations 2015 [10] and HSE Fire Safety in Construction (HSG168) [11] guidance.	Contractor to specify details of, and undertake, monitoring specified in the Emergency Response Plan (as appropriate) to ensure the successful delivery of this commitment.	Operation					X				X							DCO Schedule 2 (13), OEMP.	Post-construction, operation. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.
Mit-GP-233	Ground gas protection measures will be installed where confirmed as being required by a ground gas risk assessment. These measures may include the structural barrier of the floor slab, ventilation measures and a ground gas resistant membrane. A specialist ground gas protection measures designer will be engaged to design these measures.	N/A	Detailed Design						X			X						DCO Schedule 2 (3), Design Principles Document.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I.	To be confirmed after DCO submission.
Mit-LP-234	Ground protection measures, aligning with those required for a Characteristic Situation 3, will be incorporated into the design of the WRP site.	N/A	Detailed Design						X			X						DCO Schedule 2 (3), Design Principles Document.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I.	To be confirmed after DCO submission.
Mit-GT-235	The Contractor will develop and adhere to risk assessments and method statements protective of human health, the environment and	Contractor to produce the detailed	Construction						X									DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction.	ES Chapter 11 Land quality and ground	To be confirmed

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	controlled waters informed by findings from ground investigations and interpretative reports.	CEMP(s), specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment.																	Contractor responsible.	conditions, Volume I.	after DCO submission.
Mit-GT-236	The Contractor will adopt CL:AIRE [12] Definition of Waste: Code of Practice to manage the re-use of excavated soils on-site, where reasonably applicable and appropriate. The Contractor will produce and adhere to a Materials Management Plan (MMP), which will form part of, or be appended to, the detailed CEMP(s).	Contractor to produce the MMP, specify details of, and undertake, monitoring (as appropriate) as outlined in the detailed CEMP(s), to ensure the successful delivery of this commitment. The Contractor should employ an independent qualified person early in the process to sign off the MMP.	Construction					X	X					X					DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I; ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.
Mit-GT-237	Ground Excavation during Operation: When maintenance activities require ground excavations during the operational phase at the WRP site, relevant risk assessments and method statements for safe excavation practices will be prepared, addressing residual risks to workers.	Contractor to produce task specific method statements and risk assessments, specify details of, and undertake, monitoring specified in the OEMP (as appropriate) to	Operation						X										DCO Schedule 2 (13), OEMP.	Operation. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I	To be confirmed after DCO submission.

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		ensure the successful delivery of this commitment.																			
Mit-GT-238	The Contractor will undertake detailed Foundation Works Risk Assessments (FWRAs) in line with the CL:AIRE's Piling and Penetrative Ground Improvement Methods on Land Affected by Contamination: Guidance on Pollution Prevention [13]. The detailed FWRAs will provide an assessment for each of the proposed foundation types for the WRP, associated structures and AGP, and an assessment of construction methodologies for trenchless construction works, tunnels and shafts respectively. The detailed FWRAs will include detailed Piling Risk Assessments and an assessment of other foundation types. The detailed FWRAs will be undertaken in consultation with the EA, relevant local planning authority and other relevant bodies (if applicable). In a Source Protection Zone 1 (SPZ1), where penetrating the chalk or other sensitive groundwater areas where trenchless construction, tunnelling or foundations are proposed, the detailed FWRA will be undertaken in consultation with the EA, relevant local planning authority and the relevant water company (if applicable) and permits or consents will be obtained prior to any works (including enabling works) commencing in the SPZ (if required).	Contractor to produce detailed FWRA, specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment.	Detailed Design						X					X				DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction. Applicant responsible.	ES Chapter 11 Land quality and ground conditions, Volume I; ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.
Mit-GT-239	Soil Resource Management During Operation: The OEMP commits that appropriate soil protection measures from the Detailed Soil Resources Management Plan (SRMP) will be implemented for maintenance activities where there is potential for material adverse effects on soil resources. This is to ensure soil protection during all operational activities, including monitoring, maintenance, repair, and	Contractor to prepare detailed SRMP to specify details of, and undertake, monitoring procedures (as appropriate) to ensure the successful	Operation							X								DCO Schedule 2 (13), OEMP.	Post-construction, operation. Contractor responsible.	ES Chapter 12 Land use and agriculture, Volume I; Outline CEMP – Appendix B Outline SRMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.

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	replacement work. These measures will align with the requirements of the Outline SRMP and will include procedures for compliance monitoring and reporting to safeguard soil integrity throughout the operational phase.	delivery of this commitment.																			
Mit-GT-240	The Contractor will prepare a plan for dealing with unforeseen contamination, including the need for a watching brief and discovery strategy, in accordance with current guidance and legislation. Should visual and/or olfactory indicators of contamination (including asbestos) be encountered, works would cease in that area and advice be sought from a suitably qualified geoenvironmental professional.	Contractor to produce a detailed CEMP(s), specify details of, and undertake, monitoring (as appropriate) as outlined within the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction						X								X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I; ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-241	The Contractor will adopt the following measures with regard to contaminated soils: - Store contaminated soils in areas effectively demarcated from construction works and access/egress routes. - Place contaminated soils on impermeable surfaces to prevent contamination of the underlying ground. - Cover contaminated soil stockpiles to prevent windblown dust or the ingress of rainwater, where practicable. - Implement controls for containing surface water run-off from contaminated stockpiles to prevent the uncontrolled release of contaminated effluent. Display clear and unambiguous signage to notify site personnel of the presence of contaminated soil.	Contractor to produce a detailed CEMP, specify details of, and undertake, monitoring (as appropriate) as outlined within the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction						X					X					DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I.	To be confirmed after DCO submission.
Mit-GT-242	In areas deemed, by geo-environmental professionals, to represent a potentially unacceptable risk to land quality and ground conditions receptors (for example, areas where	Contractor to produce remediation strategies,	Construction						X									DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction.	ES Chapter 11 Land quality and ground	To be confirmed after DCO submission.

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	laboratory analysis of geo-environmental samples have identified concentrations in excess of their respective screening criteria), remediation strategies will be developed by the Contractor following the guidance provided within the EA Land Contamination Risk Management Framework [14]. Any required remediation works will be undertaken in accordance with current guidance and legislation.	specify details of, and undertake, monitoring (as appropriate), as outlined within the detailed CEMP(s), to ensure the successful delivery of this commitment.																	Contractor responsible.	conditions, Volume I.	
Mit-GT-243	The Contractor will ensure appropriate storage of fuels and oils with processes in place to manage any leaks or spills from equipment. Plant refuelling will be undertaken on areas of hardstanding or within defined areas that utilise drip trays/plant nappies. The Contractor will develop spill response plans and train personnel on how to use spill kits.	N/A	Construction						X									DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I.	To be confirmed after DCO submission.
Mit-GP-244	Avoid populated areas, where reasonably practicable to avoid impacts on residential receptors.	N/A	Detailed Design							X	X							DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 12 Land use and agriculture, Volume I.	To be confirmed after DCO submission.
Mit-GP-245	Avoid settlements, commercial property and land, major housing allocations and BMV agricultural land where reasonably practicable as part of the Proposed Development to minimise the risk of disruption to property and land.	N/A	Detailed Design							X								DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 12 Land use and agriculture, Volume I.	To be confirmed after DCO submission.
Mit-GT-246	The Contractor will prepare and adhere to the detailed SRMP, which will form part of, or be appended to, the detailed CEMP(s). An Outline SRMP is contained in Appendix B of the Outline CEMP (Document reference 7.1, DCO Volume 7). The Outline SRMP sets out the overall approach to managing soil resources affected by the Proposed Development and describes the measures and principles required to reduce potentially harmful impacts on soils.	Contractor to produce detailed SRMP which will specify details of, and undertake, monitoring of soils during construction to ensure the successful delivery of this commitment.	Construction							X								DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 12 Land use and agriculture, Volume I; Outline CEMP – Appendix B Outline SRMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.

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Mit-GT-247	The Framework RoWMP, appended to the Framework CTMP (Document reference 7.2, DCO Volume 7), sets out how PRoW will be either temporarily or permanently impacted and details of measures to reduce impacts. The RoWMP will be prepared by the Contractor to be substantially in accordance with the Framework RoWMP.	N/A	Construction								X				X	X		DCO Schedule 2 (8 and 9), Framework CTMP and Framework RoWMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 13 Landscape and visual, Volume I.	To be confirmed after DCO submission.
Mit-GT-248	Stiles, gates or gaps will be incorporated into temporary fencing where reasonably practicable to maintain access for landowners/occupiers. Where reasonably practicable, access points will be provided by agreement with the landowner/occupier to allow access across the construction working width and thereby mitigate field severance.	Contractor to prepare detailed CEMP(s) which will specify details of monitoring (as appropriate), to ensure the successful delivery of this commitment.	Construction							X								DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 12 Land use and agriculture, Volume I.	To be confirmed after DCO submission.
Mit-GT-249	The Contractor will engage with owners and operators of Wickham Park Golf Club and Winters Hill Hall (where significant effects are reported in ES Chapter 12) specifically around the extent of the proposed temporary possession of land, the approach to access and expected impacts from the relevant construction works. The Contractor will have regard to any feedback received when finalising its proposals.	N/A	Construction							X								DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 12 Land use and agriculture, Volume I.	To be confirmed after DCO submission.
Mit-GP-250	Detailed design will adopt a landscape-scale approach to design to maximise integration.	N/A	Detailed Design		X						X							DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed Development, Volume I; ES Chapter 13 Landscape and visual, Volume I; Indicative Environmental Masterplan, appended to the Design Approach Document (Document	To be confirmed after DCO submission.

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																				reference 5.12, DCO Volume 5).	
Mit-LP-251	The detailed design of the above-ground pipeline route will optimise existing visual screening from hedgerows, woodland and structures, particularly in views across the millpond and from the Grade II listed Old Mill, where reasonably practicable. The materials and finishes of all components of the above-ground pipe and associated structures will seek to respect and reinforce the local character where reasonably practicable, by using similar materials and colour palettes found in the area - this will be informed by a colour assessment. To ensure clear identification of pipe contents, promote operational safety, and support best practice maintenance and health and safety procedures, regard must be given to British Standard 1710:2014 [15] (or the relevant British Standards at the time of detailed design).	N/A	Detailed Design		X						X							DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 7 Archaeology and cultural heritage, Volume I; ES Appendix 13.3 Landscape baseline and effects, Volume II.	To be confirmed after DCO submission.
Mit-GP-252	No construction works or permanent infrastructure will be located within the South Downs National Park (SDNP).	N/A	Detailed Design								X				X			DCO Schedule 1, Works Plans.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed Development, Volume I; ES Chapter 13 Landscape and visual, Volume I.	To be confirmed after DCO submission.
Mit-GP-253	Permanent structures will be designed to positively integrate into their landscape setting through high quality design, including the use of appropriate materials, and colour palette.	N/A	Detailed Design		X						X							DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed Development, Volume I; Indicative Environmental Masterplan, appended to the Design Approach Document (Document	To be confirmed after DCO submission.

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																				reference 5.12, DCO Volume 5).	
Mit-GT-254	A construction exclusion zone, in accordance with BS5837:2012 [16] will be set up around trees to be retained. This will separate RPAs and ancient tree buffer zones from the construction works area using temporary tree protection fencing, to ensure no excavations, soil compaction or damage to roots and canopy within the buffer. Protective Heras rail fencing will allow a maximum one metre buffer between the extent of proposed excavation works and RPAs of the retained trees. In line with Section 6.2.2 of BS 5837:2012, which requires that the tree protection barriers be fit for the purpose of excluding construction activity and that they provide adequate protection to the trees, hedgerows and woodland, fencing should consist of two metre tall, welded mesh panels (Heras fencing or similar) fixed to the ground via vertical tubes driven into the ground until secure. These tubes should be spaced at a maximum interval of three metre. Each panel will be secured to its neighbour with a minimum of two anti-tamper couplers. Where space allows, the panels should be supported on the inner side by stabiliser struts which are attached to a base plate and secured with ground pins. Weather-proof signs shall be fixed to the outside of the hoarding with words such as '*Construction exclusion zone – No access and no storage or working within this area*'. The protective fencing will be maintained for the duration of the construction phase and checked periodically. In the event that an RPA or ancient tree buffer zone for retained trees cannot practicably be excluded from the works area, protective fencing should be adjusted to the new location and mitigation such as ground protection that are fit for the purpose of supporting any traffic entering the RPA without causing compaction of the soil below and manual excavation under strict arboricultural supervision will be utilised.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Construction			X					X							DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, including the Tree Protection Plan, Volume II.	To be confirmed after DCO submission.

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	The following precautions must be followed for works occurring inside RPAs: - Excavations within the RPAs must be carried out using hand tools, compressed air and soil vacuum excavation techniques. - A written Method Statement for hand digging shall be included within the CEMP(s) if required. - All hand digging within RPAs must be undertaken with great care, requiring closer supervision than normal operations to enable the identification and protection of structural roots (roots with diameters equal to or greater than 25mm) or massed fibrous roots. - These roots must not be severed at any time without first consulting a suitably qualified and experienced Arboriculturist or the relevant local planning authority's Tree Officer. - Any non-structural roots (roots with diameters below 25mm) may be pruned back onsidered safe to do so, to a lateral root where possible, using a pruning saw or secateurs, leaving a clean-cut surface, subject to strict arboricultural monitoring and supervision. The Contractor will ensure that in respect to trenchless excavation solutions beneath ancient or veteran tree buffers and ancient woodland buffers, both launch and receptor pits are located outside buffer zones and that a minimum depth of 4m is maintained between the surface level and the outer diameter of the bore. For all other trees to be retained and subject to site location, soil type and proximity to tree centres a minimum depth of 3m from the outer diameter of the bore and the surface level will be maintained, in consultation with the Proposed Development engineer and Arboriculturist. No machinery or materials including fuels and chemicals will be stored within the RPA. No ground level changes, construction activities or vehicle access will be allowed within the RPA. Any additional underground services will seek to avoid the RPAs in order to avoid damage to																			

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	the retained trees. If additional services must unavoidably be installed within the RPAs of retained trees, the locations of these will be chosen in consultation with a suitably qualified and experienced Arboriculturist and will be identified within the Tree Impacts Plan, read in conjunction with the method statement. Where possible the works will be carried out using trenchless techniques such as moling, laser guided boring, or through continuous trenching under strict arboricultural supervision. The Contractor will ensure all site personnel, including machine operators, are briefed on tree protection measures through inductions and toolbox talks, and that these requirements are adhered to throughout construction. At paragraph 6.3 BS 5837:2012 states that wherever trees on or adjacent to a site have been identified as requiring protection, there should be an auditable system of arboricultural site monitoring. This should include arboricultural supervision whenever construction or development activity is to take place within RPAs of retained trees. Following each site visit by a suitably qualified and experienced Arboriculturist, a monitoring report should be issued to the contractor. Copies of these reports should be kept and made available to the relevant local planning authority on request. Key timings for supervision include: - Following installation of tree protection barriers and ground protection, before commencement of any construction works including enabling, to inspect tree and ground protection against approved plans. - For the duration of any site works (e.g. excavations, construction) taking place within the RPA of retained trees. - Periodically, with a minimum of one supervisory visit every month to ensure tree																			

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	protection remains correctly installed and is fit for purpose throughout the duration of works. - All protection measures included in the detailed CEMP(s) will be followed.																				
Mit-GT-255	An environment-led design approach has been followed to deliver the following commitments: - Conserving and responding positively to landscape, ecology and historic features of value, including below-ground features, across the Order Limits. For example, reinforcing the character of the landscape through locally distinctive planting and earthworks. - Reinstating the existing landscape pattern following construction in line with the Design Principles Document (Document reference 5.11, DCO Volume 5).	N/A	Construction								X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP.	Pre-construction, operation. Contractor responsible.	ES Chapter 13 Landscape and visual, Volume I.	To be confirmed after DCO submission.
Mit-GT-256	Construction activities will follow good practice guidance, as set out in ES Appendix 13.5 Arboricultural Impact Assessment, Volume II (Document reference 6.2, DCO Volume 6), to avoid damage to retained trees. An updated Tree Impacts Plan (TIP) will be prepared prior to construction (including enabling works). The updated TIP will supersede the version contained within ES Appendix 13.5 Arboricultural Impact Assessment, Volume II (Document reference 6.2, DCO Volume 6) and will inform the construction-stage tree protection measures.	Contractor to prepare detailed CEMP(s) which will specify details of monitoring (as appropriate) to ensure the successful delivery of this commitment.	Construction								X							DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Appendix 13.5 Arboricultural Impact Assessment, Volume II.	To be confirmed after DCO submission.
Mit-GP-257	Protective strips over the entire alignment of the pipelines constructed using open-cut methods will be identified to: ensure space and access to enable maintenance and repair, protect the integrity of the pipeline from external influences, for example loading, and protect third party assets from potential damage in the event of a burst. The protective strip would restrict the landowner or occupier from undertaking certain activities that would restrict access to or affect the integrity of the pipeline. This includes restricting the following activities: erecting, constructing or placing any building wall or other structure whether permanent or temporary, undertaking of any piling or	The Applicant will undertake negotiations to secure agreements with relevant landowners	Operation									X						By agreement with the landowner.	Operation. Applicant responsible.	ES Chapter 14 Major accidents and disasters, Volume I; Design Principles Document (Document reference 5.11, DCO Volume 5)	To be confirmed after DCO submission.

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	percussive works, alteration of ground levels, planting of trees, shrubs or other species other than as set out by the Applicant's 'Guide to Tree Planting near Mains and Sewers' [17] or other relevant standards and construction or laying of new pipe duct or cable across the pipeline at an angle of less than forty-five degrees formed by the pipeline and the new pipe duct or cable. Relevant landowners will be advised of the extent of the protective strip on their land. This will be determined by the depth and location of the pipeline.																				
Mit-GP-258	As part of the design process utility searches have been undertaken which show where different utilities are located within the Order Limits. The Proposed Development has avoided utilities where reasonably practicable to minimise the risk of impact.	N/A	Detailed Design									X						DCO Schedule 1, Works Plans	Design. Applicant responsible.	ES Chapter 14 Major accidents and disasters, Volume I; ES Appendix 3.1 Primary Mitigation, Volume II.	To be confirmed after DCO submission.
Mit-GP-259	Isolation valves would be required at intervals along the Pipelines and both sides of any major infrastructure or water bodies crossings. Isolation valves are required to stop the flow of water through the Pipeline to facilitate repair or maintenance. They may be co-located with washouts and air valves and designed with an integral bypass for the balancing of upstream and downstream pressure to facilitate operation of the isolation valve. This will minimise flooding in the event of a pipe leak or burst.	N/A	Detailed Design									X					X	DCO Schedule 1, Works Plans.	Design. Applicant responsible.	ES Chapter 14 Major accidents and disasters; ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-260	The Contractor will produce a Pollution Prevention Management Plan for preventing and managing pollution events, which will form part of, or be appended to, the detailed CEMP(s), and will provide detail on how to handle and report environmental incidents, including measures to manage spills (e.g. through the use of a spill kit), and to clean up following an incident, including a potential incident associated with hazardous loads being transported for construction, and good practice pollution prevention measures. The Contractor will adhere to the standards set out in the British	Contractor to produce Pollution Prevention Management Plan, specify details of, and undertake, monitoring (as appropriate) as outlined in the detailed CEMP(s), to	Construction									X						DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	Tunnelling Society guidance [18] and Civil Engineering Specification for the Water Industry [19] and any updated applicable guidance.	ensure the successful delivery of this commitment.																			
Mit-GT-261	The Contractor will refresh the data on the locations of utilities at reasonable appropriate points during the design and construction of the Proposed Development to comply with the duties and provide relevant information to plan, manage, monitor and coordinate health and safety in the construction phase. The risk of damage to utilities will be managed through the Contractor's Permit to Dig which would include details for avoidance of utilities and an emergency response which will be employed should a utility be damaged.	Contractor to produce Permit to Dig and refresh the data on utilities locations at reasonable points to ensure successful delivery of this commitment.	Construction									X						DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.
Mit-GT-262	Pollution Risk - The CAP will prepare a Pollution Management Plan including the measures to mitigate pollution risk. A Pollution Management Plan would be implemented in line with legislation set out under the Water Industry Act 1991 and the Water Act 1989. The measures include: • The Pollution Management Plan will cover 'Events', the plan will detail the practical measures which will be implemented to avoid pollution incidents and will have regard to good practice measures and guidance. The plan will also detail procedures to deal with pollution incidents that may occur, including response procedures (including appropriate equipment, materials and resources), timescales and notification procedures that would be implemented to reduce the effects. It will complement and be consistent with the Emergency Response Plan. • The Pollution Management Plan will identify escalation trigger points and set out procedures and actions to be taken in respect of specific pollution events.	Contractor to produce Pollution Management Plan, specify details of, and undertake, monitoring specified in the OEMP (as appropriate) to ensure the successful delivery of this commitment.	Operation									X						DCO Schedule 2 (13), OEMP.	Post-construction, operation. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
Mit-GT-263	Where the works occur and construction compounds are located within a flood risk zone (surface water, coastal or fluvial), the Contractor will be obliged to carry out a risk assessment, to ensure the Proposed Development does not increase flood risk outside the site. Additional measures will be employed when working in Flood Zone 2 or 3 to manage site safety and reduce pollution risk during periods of extreme weather (i.e. flooding): - The Contractor will monitor water levels, sign up to the EA's flood warning system, and ensure that there is an emergency evacuation plan in place. - The extent of the storage of materials or equipment in the highest risk areas will be reduced where reasonably practicable. Machinery will be stored or returned to areas of hard standing, preferably remote from flood water or where not reasonably practicable, sufficiently constrained as not to wash away. - Portacabins will be raised so that they are above the ground surface. - No excavated material will be stored on functional flood plains (Flood Zone 3b) and best efforts will be made to avoid storing spoil in Flood Zone 3a and Flood Zone 2. As per the Construction Insurance Risk Engineers Group (CIREG) guidance, the configuration of the compound should utilise an "As Low As Reasonably Practicable" approach or similar to manage the risk of flooding. - Installing small-scale flow diversion and retention measures as part of the site drainage system to protect sensitive areas within the compound, without increasing flood risk elsewhere. - No storage of soil or other materials on watercourse banks and where possible, spoil to be set back from watercourses by at least eight metres (this prevents excessive loading on watercourse banks, reduces risk of stored	Contractor to produce risk assessments, specify details of, and undertake, monitoring (as appropriate) as outlined in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction				X					X				X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I; ES Chapter 19 Water environment, Volume I; ES Appendix 19.1 Flood Risk Assessment, Volume II.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	material entering the watercourses, and retains access for flood risk management authorities). - Stores of chemicals/oils/fuels will be surrounded by an impervious bund wall and installed in the remotest possible location away from watercourses and from rising water and walls will be of sufficient height and structural soundness to withstand flood water ingress. - Debris will be safely contained reducing risk of large items from entering flood flow. - Monitoring of sediment traps will be undertaken more frequently during heavy rain and remove sediment, if necessary, prior to rain events. - Flood warning and evacuation measures, including safe access and egress routes, will be put in place to protect site users and off-site receptors.																			
Mit-GT-264	The Contractor will produce an Emergency Response Plan which will include measures on fire management. This will include proactive risk identification procedures, staff training, routine safety audits, and clearly defined protocols to minimise the likelihood of fire or other hazardous incidents. These will be supplemented by pre-established emergency response actions, such as rescue planning, evacuation procedures, and post-incident reviews, in accordance with industry good practice. The Emergency Response Plan will also include measures to mitigate the risk of hazardous chemical transport and the storage of chemicals, fuel and plant. The Emergency Response Plan should include procedures effective management of incidents and events, including timely communication and coordination to minimise customer impact and safeguard operational continuity. The Emergency Response Plan should include measures for addressing an uncontrolled release of hazardous materials – to include staff training, routine safety audits, rescue planning and evacuation procedures and clearly defined protocols to minimise the likelihood of	Contractor to specify details of, and undertake, monitoring specified in the Emergency Response Plan (as appropriate) to ensure the successful delivery of this commitment.	Operation				X	X	X			X					X	DCO Schedule 2 (13), OEMP.	Post-construction, operation. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	fire or other hazardous incidents. There will be requirements for the WRP site and Above Ground Plant (AGP) to have emergency backup generators in the event that mains power is interrupted. The measures will satisfy legislated plans and protocols, such as the Fire Regulatory Reform (Fire Safety) Order 2005 (RRO), and be in line with best practice operational protocols.																				
Mit-GT-265	The Contractor will implement mitigation as recommended in ES Appendix 14.2 Detailed unexploded ordnance risk assessments, Volume II, appropriate to the risk level including: - An Unexploded Ordnance (UXO) Safety and Awareness Briefing; - Site specific safety instructions; - Explosive Ordnance Disposal Engineer Watching Brief; - Magnetometer surveys.	Contractor will undertake, monitoring (as appropriate) as outlined in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction										X					DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Appendix 14.2 Detailed unexploded ordnance risk assessment, Volume II.	To be confirmed after DCO submission.
Mit-GT-266	The Contractor's Emergency Management Plan will include the risk of fire, and the way in which the Contractor will respond to an incident. This plan willform part of, or be appended to, the detailed CEMP(s) and will be prepared prior to commencement of construction, including enabling works. This will include how fuel and plant will be safely stored to reduce the risk of fire. For the risk of fire from landfill gas during construction, gas management would be addressed through method statements. These will include details of mitigation measures to reduce the risk of fire caused by landfill gas, primarily through ventilation. All flammable gases will be monitored during construction activities on the landfill site with work stopped if the threshold alarm is triggered. If natural ventilation is insufficient to maintain gas concentrations at safe levels, forced ventilation may be employed by pumping air into construction shafts and vacuum extraction of air from the bottom of construction shafts. Sources of ignition will also be prevented with equipment used that is designed not to operate at high	Contractor will undertake, monitoring (as appropriate) as outlined in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction										X					DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.

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	temperatures or generate sparks, as well as a no smoking or naked flames requirement enforced at the site.																				
Mit-GT-267	The Emergency Response Plan will include measures to respond to unplanned emergency overflow release, which will be the same as for pipe leak or burst, in the highly unlikely scenario of a total system failure.	The functioning of the whole system will be monitored by the Contractor as part of the day-today operation of the Proposed Development.	Operation			X	X					X					X	DCO Schedule 2 (13), OEMP.	Operation. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.
Mit-GT-268	Testing of washout valves during normal operation may require the release of source water. This will be collected directly by a tanker and taken to a suitable off-site location for disposal. There will be no discharge of planned maintenance washout flows to the environment. The Emergency Response Plan will set out details for washout emergency release, which will include measures to respond to an emergency that results in the discharge of water to the environment, including measures to mitigate the environmental effects of such discharge. Mitigation for the emergency use of washouts during the operation of the Proposed Development will follow the same as for pipe leak or burst and flooding as set out in Mit-GP-259.	Contractor to specify details of, and undertake, monitoring specified in the Emergency Response Plan (as appropriate) to ensure the successful delivery of this commitment.	Operation			X	X					X				X	X	DCO Schedule 2 (13), OEMP.	Post-construction, operation. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.
Mit-GT-269	The Proposed Development may be subjected vulnerable to malicious attacks including sabotage, terrorism, or cyber intrusion. To mitigate these risks, Secure by Design principles will be adopted, ensuring layered physical and digital security. This includes perimeter control, access restrictions, surveillance systems, and cybersecurity protocols such as firewalls and intrusion detection systems. Staff training and awareness programs are essential to maintain vigilance. Security arrangements will be developed in accordance with relevant cyber security legislation and national strategies, including the UK Cyber Security Strategy (2022-2030) [20],	Contractor to specify details of, and undertake, monitoring specified in the Emergency Response Plan (as appropriate) to ensure the successful delivery of this commitment.	Operation									X						DCO Schedule 2 (13), OEMP.	Post-construction. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.

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	Network and Information Systems Regulations (NIS2) [21], and the Computer Misuse Act 1990 [22]. In addition, measures will be implemented in accordance with relevant duties under the Water Industry Act 1991 security Concept Policy [23] and national guidance for the protection of critical national infrastructure.																				
Mit-GP-270	Detailed design will ensure that operational noise levels at noise sensitive receptors do not exceed the Lowest Observed Adverse Effect Level, as identified in ES Chapter 15 Noise and Vibration (Document reference 6.1, DCO Volume 6). Mitigation measures will be adopted according to the following mitigation hierarchy: - Avoidance of noise and vibration; - Control of noise and vibration at source; - Implement good practice environmental noise management measures; - Mitigate the propagation pathway, for example by introducing boundary screening.	N/A	Operation										X					DCO Schedule 2 (3), Design Principles Document.	Design, post-construction, operation. Contractor responsible.	ES Chapter 15 Noise and vibration, Volume I.	To be confirmed after DCO submission.
Mit-GT-271	The Contractor will ensure use of Best Practicable Means (as per BS 5228-1 and BS 5228-2) [24] [25] during construction works, as specified in the relevant approved Noise and Vibration Management Plan (NVMP). Such measures will include, as a minimum: - Schedule works, where practicable, to reduce noise and vibration impacts at highly sensitive times. - Schedule works, where practicable, to avoid multiple activities being undertaken simultaneously near to Noise and Vibration Sensitive Receptors (NVSRs). - Select plant and working methods to reduce noise and vibration impacts whilst carrying out the work in an efficient and cost-effective manner. - Shut down or throttle back plant to idling speed in between periods of use. - Maintain plant and equipment in good working order, with particular attention being paid to the condition of silencers and acoustic panels. - Locate noisy equipment to reduce noise impacts at NVSRs, for example considering	Contractor to specify details of, and undertake, monitoring (as appropriate), as outlined in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction							X			X					DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 15 Noise and vibration, Volume I.	To be confirmed after DCO submission.

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	layouts of temporary construction compounds to use materials storage areas and welfare facilities as screening. - Provide acoustic screening and enclosures where required. - Provide less intrusive plant movement alarms, such as broadband vehicle reversing warnings and that vary the loudness level according to ambient noise levels.																				
Mit-GT-272	The Contractor will prepare a Noise and Vibration Management Plan (NVMP) which will form part of, or be appended to, the detailed CEMP(s) and include: - Details for the preparation and submission of Section 61 consent applications (under the Control of Pollution Act (1974)). - Identification of likely noisy activities, or activities with high vibration emissions, in the construction programme, the proposed Best Practicable Means and additional noise mitigation measures, and a strategy for actively communicating this information to local communities. -A noise and vibration monitoring protocol including a schedule of noise and vibration monitoring locations and stages during construction of the Proposed Development when monitoring will be undertaken. To include physical and observational checks/audits at locations to be determined in consultation with relevant local planning authorities. Locations selected shall be determined by the works being undertaken (and level of anticipated noise) and the sensitivity of receptor and will be informed by calculations once detailed design and construction planning is complete. - Management processes to ensure ongoing compliance, improvement, and rapid corrective actions.	Contractor to produce NVMP, specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment.	Construction							X			X					DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 15 Noise and vibration, Volume I.	To be confirmed after DCO submission.
Mit-GS-273	The Contractor will adopt additional noise and vibration mitigation measures to reduce exceedances of the Lowest Observed Adverse Effect Level (LOAEL) and avoid likely significant	Contractor to specify details of, and undertake, monitoring (as	Construction							X			X					DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction.	ES Chapter 15 Noise and vibration, Volume I.	To be confirmed after DCO submission.

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	adverse effects where relevant and practicable, as specified in the relevant approved NVMP. Subject to the detailed assessment presented in the NVMP, these measures are currently anticipated to include consideration of the following: - Provision of acoustic screening between receptors at which exceedances of the LOAEL or likely significant effects are predicted and the works identified as responsible in ES Chapter 15 Noise and vibration, Volume I (Document reference 6.1, DCO Volume 6). - Introduce additional working hours restrictions, such as restricting construction works from taking place after 13:00 on Saturdays for activities in certain locations as identified in section 15.9 of ES Chapter 15 Noise and vibration, Volume I (Document reference 6.1, DCO Volume 6). - Locate the trenchless construction launch shaft in the temporary construction compound which is furthest from NVSRs. - Use of a temporary acoustic enclosure over the trenchless construction equipment. - Reduce intensity of works (e.g. numbers or on-time of noisy equipment such as circular saws or pneumatic breakers) during noise sensitive periods. - Use of additional silencers, screening and/or enclosures. - Selection of quieter plant, equipment or working methods. - Interspersing of noisy works between quieter works to provide periods of respite. - Phasing of the works to ensure that the noisiest operations are performed during the least sensitive times and vice-versa. - Review of the construction programme to reduce the duration of the works at the closest approach to properties where practicable to give periods of respite.	appropriate), as outlined in the detailed CEMP(s), to ensure the successful delivery of this commitment.																	Contractor responsible.		

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	- Using low-vibration methods of shaft excavation, such as segmental lining or secant piling. - Using a compactor with one or more of the following: - A single drum; - A drum amplitude of less than 0.5mm; - A wider drum, ideally at least two metres. - Adoption of non-vibratory ground compaction methods.																				
Mit-LP-274	Avoidance of named safeguarded mineral extraction sites listed under the Hampshire Waste Minerals Plan, where feasible and practicable. Where safeguarded mineral resources cannot be avoided, an incidental extraction approach will be applied (see Mit-GS-285).	Monitoring of route design to ensure design amendments do not coincide with a named listed site in the HWMP for mineral extraction.	Detailed Design											X				DCO Schedule 1, Works Plans.	Design, construction. Contractor responsible.	ES Chapter 3 Description of the Proposed Development, Volume I.	To be confirmed after DCO submission.
Mit-GT-275	The Contractor will produce, implement and maintain a Site Waste Management Plan (SWMP). A SWMP is a live document that outlines how construction waste will be forecasted, reduced, managed, and monitored to ensure legal compliance and environmental efficiency. The SWMP will record any decisions given to material resource efficiency when designing and planning the Proposed Development. Any assumptions on the nature of the Proposed Development; its detailed design; the construction method or materials employed, in order to reduce the quantity of waste produced; or maximise the amount of waste re-used, recycled or recovered, will be captured within the SWMP. The SWMP will include measures to ensure that all waste management measures to be implemented on-site will be in accordance with the waste hierarchy and circular economy principles. The SWMP will ensure that	Contractor to produce SWMP, that will be updated at regular intervals throughout the design and construction stages; as a minimum every six months, and whenever there is a significant change in the design or construction plan. This is to ensure the successful delivery of the commitment.	Construction					X		X				X				DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.

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	hazardous waste will be reduced through design opportunities prior to excavation, construction and demolition. The SWMP will also ensure that Designing out Waste principles are applied throughout all stages of construction: - Design for re-use and recovery; - Design for off-site construction; - Design for materials optimisation; - Design for waste efficient procurement; - Design for deconstruction and flexibility.																				
Mit-GT-276	The SWMP will include measures to ensure that sufficient space is available for the on-site segregation of recyclable materials to help promote recycling or reuse where applicable.	Contractor to produce SWMP, that will be updated at regular intervals throughout the design and construction stages; as a minimum every six months, and whenever there is a significant change in the design or construction plan This is to ensure the successful delivery of the commitment.	Construction											X				DCO Schedule 2 (6), Outline CEMP.	Design, construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.
Mit-LT-277	The Contractor will establish and maintain dedicated waste storage area(s) at the location marked on construction site plans that will be included within the SWMP: - The waste storage area will be located in a secure location, away from public access to prevent fly-tipping. - Waste will be stored and maintained appropriately in suitable receptacles. - Waste storage receptacles will be colour-coded in line with the colour-coding scheme	Contractor to produce SWMP, that will be updated at regular intervals throughout the design and construction stages; as a minimum every six months, and whenever there	Construction											X				DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.

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	that will help reduce the levels of contamination in the skips. - Skips will be monitored by the Contractor to ensure that contamination of segregated skips does not occur. Waste will not be stored on-site for extended periods to avoid potential of odour issues	is a significant change in the design or construction plan This is to ensure the successful delivery of the commitment.																			
Mit-GT-278	The SWMP will ensure that hazardous waste will be minimised through design opportunities prior to excavation, construction and demolition.	Contractor to produce SWMP, that will be updated at regular intervals throughout the design and construction stages; as a minimum every six months, and whenever there is a significant change in the design or construction plan This is to ensure the successful delivery of the commitment.	Construction											X				DCO Schedule 2 (6), Outline CEMP.	Design, construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.
Mit-GT-279	Communication and training (for all relevant staff) regarding waste management and material efficiency will be undertaken regularly from the commencement of construction, with the programme/frequency to be specified in the SWMP.	Contractor to produce SWMP, that will be updated at regular intervals throughout the design and construction stages; as a minimum every six months, and whenever there is a significant change in the	Construction											X				DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.

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		design or construction plan This is to ensure the successful delivery of the commitment.																			
Mit-GT-280	The SWMP will ensure that all equipment, temporary structures, and waste associated with construction is removed upon Contractor construction completion.	Contractor to produce SWMP, that will be updated at regular intervals throughout the design and construction stages; as a minimum every six months, and whenever there is a significant change in the design or construction plan This is to ensure the successful delivery of the commitment.	Construction											X				DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.
Mit-GT-281	The Contractor will record (by European Waste Catalogue code) the type, quantities and management method for all waste generated on-site. The requirement and process will be detailed in the SWMP. The authorised waste carrier details and their waste carrier registration number will also be recorded. In addition, and in line with the Waste Duty of Care, reporting on the final destination of all waste streams will be recorded as soon as established. This record will be appended to the SWMP and updated regularly throughout the construction stage.	Contractor to produce SWMP, that will be updated at regular intervals throughout the design and construction stages; as a minimum every six months, and whenever there is a significant change in the design or construction	Construction											X				DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.

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		plan This is to ensure the successful delivery of the commitment.																			
Mit-GT-282	The SWMP will include a forecast of the types and quantities of waste expected to be generated during each stage of construction (demolition, enabling works, excavation, construction, fit-out, etc). The SWMP will also detail what waste management actions are proposed (including re-use, recycling, recovery and disposal). Comparisons between the forecast quantities of waste, and the actual quantities of waste record during construction, should be made at each update to the SWMP, with any significant discrepancy explained and justified.	Contractor to produce SWMP, that will be updated at regular intervals throughout the design and construction stages; as a minimum every six months, and whenever there is a significant change in the design or construction plan This is to ensure the successful delivery of the commitment.	Construction											X				DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.
Mit-GT-283	The SWMP will include details of the methodology for testing and classifying of waste in accordance with relevant legislation and guidance. Specific measures will be included in the SWMP for implementation during construction to ensure that waste is correctly classified, and that hazardous and non-hazardous waste is not mixed. The testing methodology will take into account known risk areas with respect to contamination.	Contractor to produce SWMP, that will be updated at regular intervals throughout the design and construction stages; as a minimum every six months, and whenever there is a significant change in the design or construction plan This is to ensure the	Construction											X				DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
		successful delivery of the commitment.																			
Mit-GS-284	As set out in the Outline CEMP, the Contractor will reduce hazardous waste sent for disposal through opportunities to be identified in the SWMP, where possible (Designing out Waste principles). Any hazardous waste generated by demolition, construction and excavation works will be diverted from landfill as far as is reasonably practicable, through treatment, remediation and/or recovery. The Contractor will ensure that no hazardous waste excavated from historic landfill is sent directly off-site for disposal at hazardous landfill without assessing the possibility for treatment, remediation, and/or recovery, wherever possible. All hazardous waste will be managed in accordance with relevant legislation, and appropriate measures will be undertaken to prevent pollution resulting from the generation of hazardous waste. Where off-site disposal of hazardous construction material is required, this will be disposed at non-hazardous landfill sites within a separate cell for Stable Non-Reactive Hazardous Waste (SNRHW) providing it meets SNRHW waste acceptance criteria, where reasonably practicable.	The approach to managing hazardous waste should be recorded in the SWMP by the contractor and any cases where it is not practicable to divert waste from landfill will be justified robustly.	Construction										X				DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.
Mit-GS-285	To ensure effective management of minerals, a Minerals Management Strategy (MMS) will be developed by the Contractor for inclusion within or to accompany the detailed CEMP(s). The MMS will include the following: - Extraction and handling procedures: methodologies for the extraction, handling, temporary storage/stockpiling and beneficial use within the construction of the Proposed Development. - Documentation and records: method for documenting the quantities of minerals which have been excavated, stored/stockpiled and	Monitoring is required in the wording on the content of mitigation measure, as will be included in the detailed CEMP(s). It will be the requirement of the Contractor to document the quantities of	Construction										X				DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.

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	used in the construction of the Proposed Development. Where safeguarded minerals are encountered during excavation and are not required for the construction of the Proposed Development, the potential for off-site reuse will be considered, having regard to the reasonable practicability and commercial viability of doing so in a manner that would not give rise to environmental effects not assessed in the ES.	minerals which have been excavated, stored/stockpiled and used in the construction of the Proposed Development.																			
Mit-GT-286	An Outline SEP has been produced to identify areas within the Proposed Development that maximise skills and employment benefits for local people, in support of the Portsmouth Core Strategy.	A monitoring framework will monitor skills and employment progress, as per the Outline SEP and subsequent detailed SEP.	Construction												X			DCO Schedule 2 (11), Outline SEP.	Pre-construction, construction. Contractor responsible.	ES Chapter 17 Socio-economics, tourism and health, Volume I.	To be confirmed after DCO submission.
Mit-GT-287	The Contractor will ensure that secure barrier fencing, lighting (appropriate to setting) and a gate person (where practicable) are in place to reduce safety risks and perceptions of safety risks around construction sites for the public.	Contractor to carry out site-specific assessments of security and trespass risk and implement appropriate control measures. Fencing and hoarding shall be kept well maintained by the Contractor throughout construction.	Construction												X			DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 17 Socio-economics, tourism and health, Volume I.	To be confirmed after DCO submission.
Mit-GT-288	Community Interface during Operation: The Contractor will manage community interaction and safety throughout the operational phase. This will include:	Contractor will produce the Emergency Response Plan that will include an emergency communication plan. These	Operation										X		X			DCO Schedule 2 (13), OEMP.	Operation. Contractor responsible.	ES Chapter 15 Noise and vibration, Volume I; ES Chapter 17 Socioeconomics, tourism and health, Volume I.	To be confirmed after DCO submission.

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	The Emergency Response Plan will include an emergency communications plan for incidents such as power failure, fire, chemical spill, and unplanned emergency discharges of water to the environment arising from pipeline rupture or system failure.	measures are secured and monitored through the OEMP.																			
Mit-GP-289	At road intersections the pipeline will be installed at an appropriate depth having regard to standing advice and the provisions of Part 3 of the New Roads and Street Works Act 1991 (NRSWA).	N/A	Detailed Design													X		DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed Development, Volume I.	To be confirmed after DCO submission.
Mit-GP-290	Avoid temporary closures on national trails, the National Cycle Network or other Rights of Way.	N/A	Detailed Design													X		DCO Schedule 2 (8 and 9), Framework CTMP and Framework RoWMP.	Detailed design prepared by Contractor.	ES h 3.1 Primary Mitigation, Volume II.	To be confirmed after DCO submission.
Mit-GP-291	Where temporary road closures are proposed, a sequential approach would be adopted to reduce impacts on journey times.	Contractor to produce detailed CTMP(s), specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment.	Detailed Design							X						X		DCO Schedule 2 (8), Framework CTMP.	Detailed design prepared by Contractor.	ES Appendix 3.1 Primary Mitigation, Volume II.	To be confirmed after DCO submission.
Mit-GT-292	The Contractor will develop and adhere to the CWTP(s) based on the principles set out in the Framework CWTP, appended to the Framework CTMP (Document reference 7.2, DCO Volume 7). The CWTP could be developed as a single or multiple documents.	Contractor to produce a detailed CWTP, specify details of, and undertake, monitoring (as appropriate) as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction													X		DCO Schedule 2 (8), Framework CTMP and Framework CWTP.	Pre-construction, construction. Contractor responsible.	ES Appendix 18.1 Transport Assessment, Volume II.	To be confirmed after DCO submission.

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Mit-GT-293	Potential short-term disruption to the transport network will be managed with mitigation strategies, which include the following (from least to most impactful): - Provision of signage and information to allow construction personnel, construction vehicles and members of the public to use and cross access routes. - Using construction personnel to hold/escort PRoW users to allow vehicles to pass or allow construction activities. - Using short diversions around a work site. - Temporary closure of a PRoW (refer to Framework RoWMP)	Contractor to produce a detailed RoWMP, specify details of, and undertake, monitoring (as appropriate), to ensure the successful delivery of this commitment.	Construction							X						X		DCO Schedule 2 (8 and 9), Framework CTMP and Framework RoWMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 18 Traffic and transport, Volume I.	To be confirmed after DCO submission.
Mit-GT-294	Safe pedestrian walkways will be provided around temporary construction compounds to segregate workers from plant/vehicles. Turning space would be made available for Heavy Goods Vehicles (HGVs)/deliveries. Reversing onto the highways will therefore be avoided.	Contractor to produce a detailed CTMP, specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction							X						X		DCO Schedule 2 (8), Framework CTMP.	Pre-construction, construction. Contractor responsible.	Framework CTMP (Document reference 7.2, DCO Volume 7).	To be confirmed after DCO submission.
Mit-GT-295	At all locations, general HGV movements will take place between 09:00-16:00, therefore avoiding the AM and PM network peak periods of 07:00-09:00 and 16:00-18:00.	Contractor to produce a detailed CTMP, specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction													X		DCO Schedule 2 (8), Framework CTMP.	Construction. Contractor responsible.	ES Chapter 18 Traffic and transport, Volume I; ES Appendix 18.1 Transport Assessment, Volume II.	To be confirmed after DCO submission.

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Mit-GT-296	Where 24-hour working is required, endeavours will be made to avoid HGV movements between the hours of 19:00-07:00 to avoid disturbance to nearby residential properties. However, in areas that are not in close proximity to residential properties, some HGV movements may occur within this timeframe.	Contractor to produce detailed CTMP, specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction													X		DCO Schedule 2 (8), Framework CTMP.	Construction. Contractor responsible.	Framework CTMP (Document reference 7.2, DCO Volume 7).	To be confirmed after DCO submission.
Mit-GT-297	Temporary road closures will be avoided on roads used for journeys at a regional or national level.	N/A	Construction													X		DCO Schedule 2 (6), Outline CEMP – Appendix A Reduced Working Width and Trenchless Crossing and Tunnelling Schedules and Plans.	Pre-construction, construction. Contractor responsible.	ES Chapter 18 Traffic and transport, Volume I; ES Appendix 18.1 Transport Assessment, Volume II; Traffic Management Strategy (Document 7.3, DCO Volume 7).	To be confirmed after DCO submission.
Mit-GT-298	The Contractor will develop and adhere to the CTMP(s) for the relevant construction activities post DCO based on the principles set out in the Framework CTMP (Document reference 7.2, DCO Volume 7). The CTMP could be developed as a single or multiple documents.	Contractor to produce a detailed CTMP, specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction							X			X			X		DCO Schedule 2 (8), Framework CTMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 18 Traffic and transport, Volume I.	To be confirmed after DCO submission.
Mit-GP-299	Where the pipeline is installed below groundwater level, the pipe bedding material will be permeable, to promote movement of	Contractor to specify details of, and	Detailed Design														X	DCO Schedule 2 (3), Design	Design, Construction.	ES Chapter 19 Water environment	To be confirmed

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	groundwater around the pipeline (i.e. the pipeline will not form a substantial barrier to groundwater flow). To minimise the potential for groundwater flow along the line of the pipe (i.e. to prevent the pipeline acting as a preferential flow path), clay stanks will be used at regular intervals.	undertake, monitoring (as appropriate), as will be included in the Water Monitoring Plan, to ensure the successful delivery of this commitment.																Principles Document.	Contractor responsible.	Volume I; ES Appendix 19.9 Outline Water Monitoring Plan, Volume II.	after DCO submission.
Mit-GP-300	Protective Provisions will be included in the DCO for the benefit of undertakers, such as Southern Gas Networks. Protective Provisions manage the interface between the Proposed Development and third party undertakers' apparatus, which when in place, will mitigate the risk of damage to the asset. The Applicant is progressing ongoing engagement with relevant third party undertakers on protective provisions and managing the interface with their apparatus.	The Applicant will continue to engage with relevant third party undertakers to fulfil this commitment.	Construction									X						DCO Schedule 9.	Pre-construction, construction. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.
Mit-GP-301	At watercourse intersections crossed by open trenching, the pipeline will be installed at a minimum depth of one and a half metres below the bed of the watercourse. At watercourse intersections crossed by trenchless techniques, the pipeline will be installed at a minimum of either two and a half metres below the bed of the watercourse. .	N/A	Detailed Design						X								X	DCO Schedule 2 (3), Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 3 Description of the Proposed Development, Volume I; ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GP-302	Avoid Flood Zones 2 and 3 or surface water flow paths when siting temporary construction compounds, where reasonably practicable.	N/A	Detailed Design									X					X	DCO Schedule 1, Works Plans.	Design, pre-construction, construction. Contractor responsible.	ES Appendix 3.1 Primary Mitigation, Volume II; ES Chapter 19, Water Environment, Volume I; ES Appendix 19.1 Flood Risk Assessment, Volume II.	To be confirmed after DCO submission.

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Mit-GP-303	The detailed design should seek to minimise works that interact with the Chalk within the SPZ1 (and SPZ1c) as far as reasonably practicable. Where interaction with SPZ1 or SPZ1c cannot be avoided, works must be undertaken in accordance with Mit-GT-304.	Contractor to specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Detailed Design														X	DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP.	Detailed design prepared by Contractor.	ES Chapter 14 Major accidents and disasters, Volume I; ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-304	The Contractor will prepare a Risk Assessment and Method Statement (RAMS), specific to works within Source Protection Zones (SPZ; most critically SPZ1 and SPZ1c) in accordance with the Outline Water Monitoring Plan, and will be submitted for approval separately to the CEMP in accordance with the corresponding requirement contained in Schedule 2 to the draft DCO. The RAMS will include a description of the construction methodologies to be used, evidence of past successful utilisation within karstic chalk and SPZ1, identification of key risks to the aquifer (e.g. slurry loss, turbidity, etc.) and control measures to reduce risks.	Contractor to produce a RAMS and maintain it (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction					X								X	DCO Schedule 2 (6), Outline CEMP; DCO Schedule 2 (16) Outline Water Monitoring Plan.	Pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-305	A Water Monitoring Plan will be developed by the Contractor produced and submitted for approval in accordance with the corresponding requirement in Schedule 2 to the draft DCO (Document reference 3.1, DCO Volume 3). This will ascertain the pre-construction baseline and verify predicted impacts to the local surface water and groundwater regime from temporary and permanent construction effects during and post-construction. An Outline Water Monitoring Plan (Appendix 19.9 of the Environment Statement) will form the basis of the Water Monitoring Plan, and includes trigger levels and action plans (to enable mitigation to be implemented based on the monitored conditions). The strategy includes long-term groundwater monitoring in key areas	Contractor to produce a detailed Water Monitoring Plan, specify details of, and undertake, monitoring (as appropriate) as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction														X	DCO Schedule 2 (16), Outline Water Monitoring Plan.	Pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.

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	(from installation to post-construction) to ascertain seasonal variability in groundwater levels and monitor groundwater fluctuations pre-, during and post-construction.																				
Mit-GT-306	A Voids Treatment Protocol will be developed by the Contractor to set out how voids encountered during construction within the chalk will be mitigated to avoid pollution or flow impacts on groundwater bodies.	Contractor to specify details of, and undertake, monitoring (as appropriate) as outlined in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction														X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-307	The Construction Drainage Plan will also incorporate measures to reduce/remove risk of sediment entrainment, including: - Routing to avoid water resources and flood risk receptors where reasonably practicable. - Limit the extent of open excavations along pipeline routes at any one time (as far as reasonably practicable). - Topsoil to be stored and capped to reduce wind/water erosion. - Soil storage should be avoided in areas with increased flood risk (e.g. within Flood Zones 2 and 3 or on surface water flow paths). Where soil storage on the floodplain in unavoidable, storage areas will be designed and located such that they do not block or divert existing flow paths. - Reduce subsoil exposure and retain strips of undisturbed vegetation on the edge of working areas, where reasonably practicable. - On-site retention of sediment will be maximised by routing all drainage through site drainage systems. - Site drainage systems will incorporate interceptor drains for the settlement of sediment	Contractor to produce the Construction Drainage Plan, and undertake weekly monitoring of sediment traps via visual inspection with increased monitoring during inclement weather as outlined in the detailed CEMP(s). Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment.	Construction				X	X		X							X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.

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	(including sediment traps - locally wider/deeper areas of drains that encourage passive deposition), where reasonably practicable. - Where water enters construction areas, water will be pumped via settling tanks/filtration ponds before being released to local ditches or drains via interceptor drains to remove sediment. - Weekly monitoring of sediment traps via visual inspection will be undertaken, with increased monitoring during inclement weather. - The wheels of construction vehicles will be cleaned prior to leaving site to prevent soil and sediment on road surfaces. - Where vegetation has been removed, reseed where appropriate and compatible with site-specific reinstatement requirements to reduce future run-off.																			
Mit-GT-308	A Construction Drainage Plan will be prepared by the Contractor, to manage the quality and quantity of construction stage drainage. The plan will be informed by surveys undertaken by a specialist drainage Contractor, to locate drains and create pre-construction drawings to ensure appropriate reinstatement. It will include measures to reduce water within the working area and ensure ongoing drainage of surrounding land, such as: - Channels with sufficient capacity to convey the required range of flows at each location. - Changes in run-off to be attenuated and released at a controlled rate (green field run-off rate or equivalent). - Temporary interceptor drainage ditches parallel to the pipeline corridor and any trenched crossings and soil storage areas to intercept surface water run-off. - Use of pumps to remove water from trenches during pipeline installation. - During decommissioning of drains, standing water will be pumped out to settling tanks and sediment that has settled out within the drain	Contractor to produce the Construction Drainage Plan, specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction				X	X		X							X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.

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	will be left in place with soil replaced in reverse order and vegetation reinstated. A suitable methodology for the reinstatement of drainage systems impacted by pipeline installation, where appropriate. This will be informed by the pre-construction survey. In the event reinstating existing land drains is not feasible, a post construction drainage plan would be implemented. The purpose of the post- Construction Drainage Plan is to restore the soil structure and drainage status to at least the same condition as recorded prior to commencement of the construction works.																				
Mit-LT-309	The design of piled foundations and deep structures will include FWRA (Document reference 7.4, DCO Volume 7), undertaken in accordance with relevant CL:AIRE published guidance. The Contractor will undertake a Piling Risk Assessment, as per Mit-GT-238, to develop site-specific measures to manage risks to potable water supplies.	Contractor to produce a detailed FWRA, specify details of, and undertake, monitoring (as appropriate), to ensure the successful delivery of this commitment.	Construction														X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction, post-construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-310	A Drilling Fluid Management Plan (DFMP) will be produced by the Contractor and agreed with the EA and Natural England prior to commencement of relevant construction activities (i.e. trenchless construction activities and tunnelling requiring the use of drilling fluids). The DFMP will document how risks of any fluid breakouts would be reduced, and in the event of an outbreak from trenchless construction works during construction, how any breakout would be managed and mitigated, to reduce environmental impacts. The DFMP will consider breakout of all drilling fluids or muds that could breakout to the environment. Measures within this plan will need to include:	Contractor to produce, specify details of, and undertake, monitoring (as appropriate) as outlined in the detailed CEMP(s) and relevant Management Plans, to ensure the successful delivery of this commitment.	Construction				X										X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.

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	- Measures to reduce the risk of breakout. - Measures to monitor and communicate breakout. - Measures to ensure operations cease once a breakout is reported. - Measures to contain breakout, for example sandbags to reduce extent of smothering. - Measures to remediate released drilling fluids, if a significant volume is released - for example pumped back to a lagoon within an appropriate compound or pumped to interceptor drains. This will be confirmed by the Contractor in advance of the commencement of construction activities.																				
Mit-GT-311	Environmental permits (flood risk activities, water discharge and groundwater activities, industrial emissions) will be obtained and adhered to, as necessary.	Contractor to specify details of, and undertake, monitoring (as appropriate) in accordance with Environmental Permits.	Operation														X	Environmental Permits.	Construction, post-construction, operation. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-312	A range of measures will be implemented by the Contractor to manage potential contamination risks, including: - Fuels, oils lubricants and other chemicals to be clearly labelled and the site will retain an up-to date Control of Substances Hazardous to Health (COSHH) inventory. - Fuels, oils lubricants and other chemicals to be stored in a bunded compound (volume of which shall be at least equivalent to the capacity of the tank or tanks plus 10%), located in designated areas, taking into account security, location of sensitive receptors and pathways (such as drains and watercourses), and inspected at least weekly for signs of spillage, leaks and damage. - Portable bowsers with built-in bunds will be used for any refuelling activities required in working area. Use of the portable bowsers will be restricted to designated areas within the working area that have been identified as being suitable for refuelling, and the bowsers will be	Contractor to produce, specify details of, and undertake, monitoring (as appropriate), as per Outline Water Monitoring Plan, and as will be included in the detailed CEMP(s) and other relevant Management Plans, to ensure the successful delivery of this commitment.	Construction														X	DCO Schedule 2 (6), Outline CEMP; DCO Schedule 2 (16), Outline Water Monitoring Plan.	Pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	returned to the temporary construction compound overnight. - Appropriate spill response equipment will be available at all locations used for vehicle refuelling and storage. - Small plant to be provided with drip trays. - All construction plant will be inspected for fuel leaks before being moved from compounds to working areas. - Biodegradable oils to be used where reasonably practicable. - Concrete/cement mixing (if required) and washing areas will be located at least 10m away from nearest water body (as required by the EA in Regulatory Position Statement 287 (2024); [26] - Washing areas to incorporate settlement and recirculation systems to allow water to be re-used and all washing out of equipment will take place in a contained area and the water collected for disposal off-site. - A Pollution Prevention Management Plan will be prepared by the Contractor for pollution events, which will provide detail as to how to report and deal with environmental incidents including measures to manage spills (e.g. through use of spill kits), or the release of hazardous substances, and to clean up following an incident.																			
Mit-GT-313	Where trenched crossings are to be carried out on an ordinary watercourse, the Contractor will implement the following: - Installation of a temporary dam will be undertaken upstream and downstream of the crossing point and the trench excavated in a dry environment. - River flow will be maintained between the two dams using a temporary pump or flume using fish friendly filters. All pumps/flumes/diversion channels will be appropriately sized to maintain downstream flows whilst minimising upstream impoundment. - The time a temporary dam is in place will be restricted as far as reasonably practicable and	Contractor to produce, specify details of, and undertake, monitoring (as appropriate), as per Outline Water Management Plan, and as will be included in the detailed CEMP(s) and other relevant Management Plans, to ensure	Construction														X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	fish rescue will be undertaken between the temporary dams prior to dewatering. - The pipeline will be installed at a minimum depth of 1.5m below the bed of the watercourse. - Flood warning and evacuation measures, including safe access and egress routes, will be put in place to protect site users and off-site receptors. - Where diversion channels are used, geotextiles or similar will be used to line the channel and prevent sediment release into the watercourse. - Scour protection may be required to protect the riverbed downstream of the dam from high energy flow at any outlets from flumes/pumps. For work on ordinary watercourses, OWC will be sought from the LLFA.	the successful delivery of this commitment.																			
Mit-GT-314	Where temporary structures are required for crossings (e.g. where haul road access across watercourses is required), the Contractor will implement the following: - The structure will be installed below the channel bed to avoid upstream impoundment, maintain sediment continuity and reduce impacts on the movement of fish and aquatic invertebrates. - The structure will be sized to accommodate likely worst case flows (e.g. bankfull flow or equivalent), to be calculated for each crossing location - Suitable scour protection will be included to reduce impacts on the bed and banks of the channel.	Contractor to specify details of, and undertake, monitoring (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction														X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LT-315	SuDS Maintenance During Operation: All SuDS components will be subject to regular periodic inspection, monitoring and maintenance, according to the principles and standards set out in the SuDS Strategy. Appendix G of the SuDS Strategy outlines tailored maintenance regimes for each SuDS component to ensure their long-term functionality. These are aligned with the	Contractor to specify details of, and undertake, monitoring as specified in the SuDS Strategy following best practice	Operation														X	DCO Schedule 2 (15), SuDS Strategy.	Design, operation. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	requirements of the guidance contained in the CIRIA SuDS Manual (C753).	guidance, to ensure the successful delivery of this commitment.																			
Mit-GT-316	Washouts maintenance: - Testing and routine maintenance of washout valves during operation may require the release of source water. This will be collected directly by a tanker and taken to a suitable off-site location for disposal. - For the purposes of this Plan, a 'tanker' refers to a mobile tanker vehicle or functionally equivalent mobile containment and transfer system designed to collect, contain and transport liquid effluent or wastewater for off-site treatment or disposal. - Temporary pipework (e.g. roll flat pipes) will be used to convey any flows released to a location where vehicle access for the tanker is readily available. - Water released from pipeline drain down will be collected directly by tanker and taken to a suitable off-site location for disposal.	Contractor to specify details of, and undertake, testing as specified in the OEMP, to ensure the successful delivery of this commitment.	Operation			X	X									X	X	DCO Schedule 2 (13), OEMP.	Design, operation. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-317	Any trenchless construction works to use a methodology that excludes groundwater (i.e. closed face) unless agreed with the EA beforehand.	N/A	Construction														X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-318	Control measures will be implemented to protect licensed and unlicensed abstractions and springs (including unknown receptors identified during construction) from water quality or quantity impacts. Exact control measures will be determined based on the geology and hydrogeology in different Proposed Development areas, but will include task specific risk assessments (e.g. piling) and more intensive monitoring (pre, during and post construction). Where private water supplies are impacted by construction operations appropriate alternative supply will be supplied, in agreement with local stakeholders. Use of	Contractor to specify details of, and undertake, monitoring (as appropriate), as per the Outline Water Monitoring Plan and as will be included in the detailed Water Monitoring Plan(s) and	Construction														X	DCO Schedule 2 (6) Outline CEMP; DCO Schedule 2 (16), Outline Water Monitoring Plan.	Pre-construction, construction, post-construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I; ES Appendix 19.3 Hydrogeological Impact Assessment, Volume II.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	best practice and pollution prevention measures will minimise the risk of an incident that could lead to contamination of groundwater.	CEMP(s) to ensure the successful delivery of this commitment.																			
Mit-GT-319	All water generated during the testing and commissioning process for washouts will be collected directly in a tanker, with no source water released to the environment. Washout water will be tankered a suitable WTW for treatment and disposal.	N/A	Construction														X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-320	The Contractor will undertake any dewatering operations in compliance with the appropriate abstraction licences and discharge permits, including monitoring and mitigation measures. Monitoring is to be undertaken: - To establish the baseline environmental conditions before the commencement of dewatering. - To further characterise the hydrogeology and hydrology of a dewatering operation and its surrounding area. - To demonstrate compliance with conditions attached to relevant abstraction licences or discharge consents. - To trigger mitigation measures or temporary cessation of dewatering, if the water level in a receptor (such as a wetland) falls below an agreed threshold. - To provide early warning of adverse impacts on receptors such as sensitive water-dependent ecosystems, or other abstractions. - To provide information for the day-to-day operation of the dewatering system (and where appropriate, the mitigation system), thus enabling the dewatering to be optimised. - To enable the post-closure period (on permanent cessation of dewatering) to be managed successfully. As opposed to consumptive groundwater abstractions, mitigation measures are available to temporary dewatering operations to reduce	Contractor to specify details of, and undertake, monitoring (as appropriate), as per the Outline Water Monitoring Plan and legal consent requirements, and as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction														X	DCO Schedule 2 (6), Outline CEMP; DCO Schedule 2 (16), Outline Water Monitoring Plan.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	groundwater flow to the abstraction point or return the abstracted water to the environment. Should during additional mitigation measures be identified as required following monitoring, these may include: - Limiting the extent of the excavation or dewatering system so that the zone of dewatering influence does not affect sensitive features. - Using 'closed-circuit' dewatering systems that involve recharging the abstracted water to ground within or close to the site, rather than pumping off-site. - Recharging the abstracted water directly into surface watercourses, lakes or other water features that could potentially be affected. - Installation of a low-permeability cut-off barriers around all or part of the site, or between the excavation and sensitive features (alternatively fissure grouting may be feasible in fractured bedrock). - Providing alternative water supplies to impacted abstractions. - Continuous monitoring of water levels in nearby receptors, or flows in watercourses, so that additional mitigation measures can be provided as required.																			
Mit-GT-321	Wastewater from construction activities (such as dewatering) will be treated where necessary prior to release to foul sewer, ground or surface water to achieve compliance with the appropriate consents or permits.	Contractor to specify details of, and undertake, monitoring (as appropriate) as per legal consent requirements and as will be detailed in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction														X	DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
Mit-GT-322	The Pipeline will typically be installed at 1.5m below the bed of ordinary watercourses and at least 2.5m below the bed of main rivers (dependent on local geology and geomorphological risks). This avoids exposure during periods of higher energy flow when the bed could be mobilised and the consequent change in geomorphological conditions. This depth takes into consideration anticipated climate change related changes in fluvial flows and erosion that will occur over time. In addition, vegetation will not be removed from the banks unless necessary to undertake the works, in which case removal will be restricted to the smallest practicable footprint.	Contractor to specify details of, and undertake, monitoring (as appropriate) as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction														X	DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LT-323	Any piled foundations will be cast in situ (continuous flight augur piles or other bored method) at the WRP site to reduce the risk associated with landfill leachate, and to reduce the potential for the creation of new contamination pathways.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with the detailed CEMP(s).	Construction						X								X	DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 3 Description of the Proposed Development, Volume I; ES Chapter 11 Land quality and ground conditions, Volume I; ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-LT-324	The Contractor will install swift *Apus apus* boxes on BPT/IPS-E, ideally on the eastern elevation as it will provide unobstructed access from the nest boxes to suitable feeding habitat. This is in accordance with Portsmouth City Council Policy PLP33.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with	Construction			X												DCO Schedule 2 (4) Outline LEMP; DCO Schedule 2 (6), Outline CEMP.	Design, construction, operation. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

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		the detailed CEMP(s).																			
Mit-GS-325	The Contractor will need to produce a Method Statement and risk assessment that clearly sets out the procedures and controls to be followed to ensure safe excavation practices and prevention of pollution to soils and groundwater is followed. The Risk Assessment and Method Statement will be produced in accordance with guidance from the CIRIA standard CIRIA97 [27], complying with excavation practices linked to trenching.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with the detailed CEMP(s).	Construction						X									DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I.	To be confirmed after DCO submission.
Mit-GS-326	The SWMP will record decisions given to materials resource efficiency during detailed design and planning of the construction works. Any assumptions relating to the design; construction methods and materials resulting in a reduction in the quantity of waste produced or maximisation of re-use, recycling or recovery will be captured within the SWMP.	Contractor to produce SWMP, that will be updated at regular intervals throughout the design and construction stages; as a minimum every six months, and whenever there is a significant change in the design or construction plan This is to ensure the successful delivery of the commitment.	Construction											X				DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I; ES Appendix 16.1 Mineral Safeguarding Assessment, Volume II.	To be confirmed after DCO submission.
Mit-GT-327	The Applicant has committed to the delivery of at least 10% BNG for the Proposed Development as set out in the Biodiversity Gain Plan (Document reference 7.11, DCO Volume 7).	Contractor to deliver BNG habitat requirements as set out in the Biodiversity Gain	Construction			X												DCO Schedule 2 (5), Biodiversity Gain Plan.	Pre-construction, construction, post-construction.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

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		Plan and undertake monitoring in accordance with specifications set out in the Habitats Monitoring and Management Plan in the Biodiversity Gain Plan.																	Applicant responsible.		
Mit-GT-328	Appropriate groundwater control measures will be implemented as required along the pipeline, where groundwater levels are above excavation levels. This may include sump pumping or well dewatering systems.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with the detailed CEMP(s).	Construction						X								X	DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I; ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-329	The Contractor will ensure that tunnelling and trenchless construction activities are undertaken so that impact to surrounding structures, property or buried services is reduced, where practicable. Ground movement assessments and predictions as defined by post-consent detailed design, will be used to inform the Contractor's Safe System of Work. The Contractor will establish the potential construction induced ground movement affecting receptors within the predicted Zone of Influence and will implement good practice measures (including monitoring before, during and after the works) to avoid or minimise any impact of settlement and sub-surface movement during construction. Ground movement monitoring during the works	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with the detailed CEMP(s).	Construction						X									DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	will be compared against the design predictions, with trigger levels and associated actions defined within the detailed CEMP(s) and the Contractor's method statements and Specifications.																				
Mit-GT-330	Temporary commissioning lagoons will have a maximum depth of one metre and will be lined. All temporary commissioning lagoons shall be located a minimum of 15 m from the nearest highway boundary unless otherwise agreed with the relevant highway authority.	Contractor to produce, specify details of, and undertake, monitoring (as appropriate) as per the detailed CEMP(s) to ensure the successful delivery of this commitment.	Construction														X	DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (6), Outline CEMP;	Construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GS-331	Retain existing landscape features, including trees, woodland, and hedgerows, where reasonably practicable, including RPAs. Where vegetation removal is unavoidable, it will be the intention of the detailed design to avoid high-quality category A trees as first priority, followed by moderate-quality category B and low-quality category C trees, wherever practicable . There will be no loss or deterioration of ancient and veteran trees. To inform the detailed design stage, the Contractor will undertake a topographical survey and update the Arboricultural Impact Assessment to reflect areas affected by the Proposed Development to ensure precise location of trees and RPA extents. The loss of existing landscape features of value will be mitigated with replacement planting as close to the location, type and character of the existing vegetation as practicable. Species selection will prioritise resilience to disease and will refer to the indicative species list provided in the Outline LEMP (Document reference 7.5, DCO Volume 7).	Contractor to produce: Topographical survey, updated AIA, planting details, and detailed LEMPs.	Construction								X							DCO Schedule 2 (3), Design Principles Document; DCO Schedule 2 (4), Outline LEMP; DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II.	To be confirmed after DCO submission.
Mit-GT-332	At watercourse intersections crossed by trenchless techniques, the pipeline will be installed at a minimum of either two and a half	Contractor to specify details of, and	Construction														X	DCO Schedule 2 (6), Outline CEMP.	Design, construction.	ES Chapter 19 Water	To be confirmed

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	metres below the bed of the watercourse or three times the pipeline diameter, whichever is greater.	undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with the detailed CEMP(s).																	Contractor responsible.	environment, Volume I.	after DCO submission.
Mit-GT-333	The detailed CEMP(s) will set out appropriate working methods to ensure the following: - Avoid spreading contamination by mismanagement of hazardous wastes (bunding, protection from rain infiltration, etc). - Avoid windblown waste affecting neighbouring properties. - Avoid dust issues from waste management, from implementation of the DMP as outlined in Mit-GT-127. - Reduce ecological degradation by careful management of topsoils. - Manage waste to avoid odour issues. - Manage the construction site to avoid fly tipping.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with the detailed CEMP(s).	Construction	X										X				DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 16 Resources and waste management, Volume I.	To be confirmed after DCO submission.
Mit-LT-334	Within Section E: Portsdown Hill to Boarhunt, Section F: Boarhunt to Crockerhill and Section M: Brambridge to Otterbourne Water Supply Works (WSW) of the Pipeline between the WRP site and Otterbourne WSW chalk dissolution features may be present beneath clay deposits such as Head Deposits, River Terraces Deposits or Alluvium. A chalk hazard assessment will be conducted by qualified geohazard specialists and if necessary,the geohazard specialists will attend on site during construction to guide Contractors on any proposed mitigation measures such as grout control.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with the detailed CEMP(s).	Construction						X									DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I.	To be confirmed after DCO submission.

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Mit-LT-335	For construction of the SuDS outfall at the intertidal section of the Hermitage Stream, suitable scour protection will be included to reduce impacts on the bed and banks of the channel.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with the detailed CEMP(s).	Construction				X											DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 9 Marine biodiversity, Volume I.	To be confirmed after DCO submission.
Mit-GT-336	Appropriate personal protective equipment will be worn by all site personnel.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with the detailed CEMP(s).	Construction						X									DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I.	To be confirmed after DCO submission.
Mit-GT-337	Welfare facilities will be provided to all site personnel. Appropriate and safe waste management and general cleanliness on-site will be maintained by all site personnel.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with	Construction						X					X				DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
		the detailed CEMP(s).																			
Mit-GT-338	The Contractor will adhere to the EAs Approach to Groundwater Protection 2018 Framework.	Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with the detailed CEMP(s).	Construction														X	DCO Schedule 2 (6), Outline CEMP.	Construction. Contractor responsible.	ES Chapter 19 Water environment, Volume I.	To be confirmed after DCO submission.
Mit-GT-339	A Reptile Translocation Strategy for the WRP site will be produced by the Contractor in line with relevant guidance to prevent killing or injury of common reptile species. Measures within this will include: - Any required preparations of the receptor site, including habitat enhancement or creation such as scrub clearance and creation of hibernacula. - ECoW requirements for supervising any necessary preparations to the receptor site and the WRP site, including habitat enhancement and creation and installation of exclusion fencing. - Trapping methodology, including the required density of refugia and bedding in period, expected trapping period, weather restrictions and suitable reptile handling techniques. - Any required habitat manipulation at the WRP site to increase capture efficiency such as reducing the habitat suitability and the hand removal of natural refugia features such as rubble piles. - Site clearance methodology on completion of the trapping period, including the final stripping of remaining vegetation to reduce the risk of reptile re-colonisation.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	- Post-translocation fence inspection requirements. - Post-translocation monitoring of the receptor site reptile population and suggested remedial actions, if required.																				
Mit-GP-340	Mitigation for the risk of bird strike has been agreed with Southampton Airport. Mitigation measures are set out in the Outline CEMP including measures such as installation of mesh fencing around the perimeter of the temporary storage lagoon, prior to filling with water, to prevent direct movement of wildfowl from adjacent terrestrial habitat.	Contractor to undertake mitigation measures set out in the Outline CEMP to fulfil this commitment.	Construction			X						X						DCO Schedule 2 (6), Outline CEMP.	Design, pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.
Mit-GT-341	Temporary fencing to be used to maintain linear connectivity during construction at key bat foraging and commuting hedgerows and reduce habitat fragmentation; for example, Heras fencing with camouflage netting. These will be kept as dark corridors during construction with light spill avoided on retained habitat. There are no confirmed bat roosts at present; however, given the highly transient nature of bats and the time until the start of construction, there is a small possibility that bats will be found roosting in trees to be removed. Therefore, if bat roosts are confirmed during pre-construction surveys, appropriate mitigation will be implemented under licence (if required). Mitigation for bats will include the following measures: - For every two Preliminary Roost Feature-I (PRF-I) lost, one will be created and for loss of one Preliminary Roost Feature-M (PRF-M) two will be created. - Completion of pre-works checks for potential features for roosting bats prior to the start of construction works (including enabling). - Any tree with PRF-M suitability is assumed to also have hibernation suitability. Any construction works (including enabling) within 10m of these trees will be undertaken outside of the hibernation period (November –	If required, Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment. Monitoring to be undertaken in accordance with any conditions specified in the Final Mitigation Licence for protected species, as outlined in the detailed CEMP(s).	Construction			X												DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	March), where practicable, to avoid significant disturbance and the need for licensing. Where this is not practicable, before construction works (including enabling), the trees will be assessed for hibernation suitability and inspections of those trees with moderate or high suitability will be undertaken in the winter to assess presence or likely absence of hibernating bats. If these hibernation surveys combined with pre-construction surveys during the active season (April – October) confirm the likely absence of bats, then it is considered reasonable to fell these trees in winter months (to avoid the bird nesting season) on the completion of a final, pre-felling survey to ensure no bats are present at the time of felling. Where trees cannot be safely and fully inspected then emergence surveys will be undertaken to confirm likely absence at the time of felling. Therefore, where this is the case, such trees will only be felled during the active season. Both existing and pre-construction surveys will be used to inform which trees can be safely and fully inspected and those trees which cannot.																			
Mit-GT-342	The management of INNS pathways during emergency incidents will be through the preparation and implementation of an Emergency INNS Management Plan (EIMP) which will be developed by the Contractor in accordance with the INNS Biosecurity Plan (Document reference 7.10, DCO Volume 7). The EIMP will set out the processes and procedures for managing INNS in an emergency incident, where source water is released to the natural environment. The EIMP will include procedures to assess and identify the current threat of INNS associated with the emergency incident, for containment and eradication and a plan for regular monitoring and follow-up. Works are also proposed at Otterbourne WSW to ensure the addition of source water transferred from Havant Thicket Reservoir would not introduce pathways for the spread of INNS. The INNS treatment would treat the waste flow that is produced by the	Monitoring will need to be agreed as set out in the INNS Biosecurity Plan (Document reference 7.10, DCO Volume 7)	Operation									X						DCO Schedule 2 (14), INNS Biosecurity Plan.	Operation. Contractor responsible.	ES Chapter 14 Major accidents and disasters, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	existing treatment process at Otterbourne WSW, once all flows have passed through Otterbourne WSW. Following INNS treatment, these flows would be released to the environment via the Applicant's existing network. The INNS treatment would produce sludge, which would be disposed of via a suitably licensed disposal facility, and would be considered to be free of INNS.																				
Mit-LT-343	The Contractor will proactively engage with all land and structure owners and operators affected by the demolition, disassembly and/or temporary relocation of existing ancillary structures required to facilitate the construction works for the Proposed Development. This engagement will be undertaken as early as reasonably practicable and will be maintained, as required, throughout the duration of the activity to ensure that: - Arrangements for access to undertake the demolition, disassembly and/or temporary relocation of the ancillary structures are communicated in advance to affected owners and operators; - Disruption during construction arising from the presence, condition, demolition, disassembly and/or temporary relocation of such structures is kept to a practicable minimum; - Business operations including agricultural business operations, land use activities or any other functions linked to the affected structures are not unduly affected or interrupted; - Appropriate collaborative discussions are facilitated between the Contractor and owners and operators of the land and structures about timing, sequencing, and alternative arrangements; - If during engagement it is determined that business operations including agricultural business operations, land use activities or any other functions linked to the affected structures will be affected or interrupted then compensation is payable in accordance with the	N/A	Construction							X								DCO Schedule 2 (6), Outline CEMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 12 Land use and agriculture, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	relevant provisions of the DCO and the statutory compensation code.																				
Mit-LS-344	The Applicant will continue the market engagement process after the DCO application which will help evaluate some of the mitigation measures proposed in the Outline CMP particularly those related to the use of alternative low carbon materials, and low carbon fuels, where those are feasible and practicable, in line with the key carbon emissions hotspots identified in the assessment. The Applicant will develop a structured approach to maintain supply chain engagement throughout the delivery and implementation of the Proposed Development; this will be described in detail in the second iteration of the CMP.	N/A	Detailed Design					X										DCO Schedule 2 (12), Outline CMP.	Design, pre-construction, and construction. Applicant responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.
Mit-LS-345	The Applicant will set carbon management requirements for the Contractor during the Direct Procurement for Customers (DPC) tender process. This will ensure that the Contractor is contractually required to implement measures to help achieve the carbon strategic objective for the Proposed Development. The nature of the procurement route outlined above requires sufficient flexibility to be maintained to allow the Contractor to bring in further innovation and enable it to deliver carbon reductions as efficiently as practicable. The Applicant will establish mechanisms to incentivise solutions and innovations that will lead to carbon reductions through the DPC tender process that are greater than the established minimum carbon requirements for the Proposed Development. Later iterations of the CMP will be compiled following the tender process which will identify the commitment the Contractor has contractually committed to. The Applicant is exploring options in line with best practice procurement approaches to incentivise the Contractor through the DPC procurement process, which include:	N/A	Detailed Design					X										DCO Schedule 2 (12), Outline CMP.	Design, pre-construction, and construction. Applicant responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	- At tender stage, competitive tenderers will be required to identify carbon mitigation measures, to embed these into their proposed tender designs and to quantify carbon savings. The Applicant will evaluate these as part of the tender process. - Potential financial incentive mechanisms to deliver efficient carbon reductions against key carbon hotspot areas. - Utilising industry frameworks, such as the Construction Leadership Council 5 Client Carbon Commitments to benchmark levels of carbon emissions commitments against other major infrastructure projects including those consented under the Planning Act 2008 regime.																				
Mit-LS-346	The Applicant and Contractor will apply solutions that are optimal in terms of capital carbon in the design and construction of the Proposed Development to ensure that construction emissions are reduced to as low as reasonably practicable. There will be updates to the CMP that will be issued post-consent to demonstrate progress towards meeting the Proposed Development's carbon strategic objective. This includes a second iteration upon completion of the DPC / CAP tender process, and ahead of the operational phase of the Proposed Development.	The Applicant and contractor to specify details of, and undertake, monitoring as specified in the Outline CMP (as appropriate) to ensure the successful delivery of this commitment.	Construction					X										DCO Schedule 2 (12), Outline CMP.	Design, pre-construction, and construction. Applicant and Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.
Mit-LS-347	The types of mitigation measures that are likely to contribute most towards a reduction of emissions during the construction phase are listed below. The mitigation including these indicative measures will require further development post DCO submission to confirm their viability and the exact level of mitigation that can be delivered. The measures presented are not an exhaustive list, there are multiple opportunities under each category and further opportunities will be identified by the Contractor post procurement: - Value engineering of scope to reduce the number or size of assets. This could include reducing the size or number of Intermediate	The Applicant and Contractor to specify details of, and undertake, monitoring specified in the Outline CMP (as appropriate) to ensure the successful delivery of this commitment.	Construction					X										DCO Schedule 2 (12), Outline CMP.	Design, pre-construction, and construction. Applicant and Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	Pumping Stations (IPS)/Break Pressure Tanks required. - Optimise material specification. As an example, this could include procuring pipelines manufactured through low carbon manufacturing processes such as electric arc furnace iron. - Optimise reuse as dug materials in pipeline installation or optimise tunnelling to reduce the amount of grout and disposal required.																				
Mit-LS-348	The Framework CTMP (Document reference 7.2, DCO Volume 7) details mitigation measures that will be included in the detailed CTMP and will be adopted during the construction of the Proposed Development to reduce carbon emissions from transport. This includes a strategy that reduces vehicle movements as far as practicable and encourages the use of efficient vehicles to reduce fuel consumption. In addition, the Framework CTMP (Document reference 7.2, DCO Volume 7) includes measures to prioritise local suppliers and the use of alternative transport options to reduce road vehicle movements.	Contractor to produce detailed CTMP(s), specify details of, and undertake, monitoring (as appropriate).	Construction					X										DCO Schedule 2 (8), Framework CTMP.	Pre-construction, construction. Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.
Mit-LS-349	The Applicant has, as part of its design development to date, investigated measures to reduce operational carbon emissions to as low as reasonably practicable. The final process selection and design optimisation will be undertaken by the Contractor, and the Applicant will define in the procurement process minimum requirements and incentives to ensure the Contractor will, where feasible, include measures that optimise operational emissions to as low as reasonably practicable. Examples of measures could (subject to feasibility and practicability consideration) include: - Reducing energy demand associated with the Proposed Development - Reduce the carbon intensity of power supply to the Proposed Development. This includes an Energy Strategy for the Proposed Development,	The Applicant to specify details of, and undertake, monitoring specified in the Outline CMP (as appropriate) to ensure the successful delivery of this commitment.	Operation					X										DCO Schedule 2 (12), Outline CMP.	Design, pre-construction, construction and operation. Applicant and Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	which will be embedded into the procurement process. - Utilise low carbon fuels for maintenance activities, and the transport of operational chemicals and waste. - Optimise use of chemicals and use low carbon chemicals where feasible. To manage these emissions areas the Applicant will embed into its procurement process incentivisation for the Contractor to: -Work with the supply chain to reduce the transport distances and intensity of transport modes for key consumables such as chemicals. -Utilise low carbon fuels on-site. -Utilise low carbon fuels for transport of products to site or waste leaving the site. -Utilise low carbon maintenance vehicles.																			
Mit-LS-350	The Applicant has evaluated whether self generation and on-site renewable generation will be feasible. The renewable energy evaluation and screening process concluded that there are insufficient viable generation opportunities available within the Order Limits to provide meaningful and efficient renewable energy contribution to the Proposed Development power demand. Following these findings, the Applicant set out a process to evaluate which energy procurement routes are more efficient to achieve optimal decarbonisation of power demand. These options include the procurement of power through renewable Power Purchase Agreements (PPAs) and the purchase of Renewable Energy Guarantees of Origin (REGO) backed power.	The Applicant to specify details of, and undertake, monitoring specified in the Outline CMP (as appropriate) to ensure the successful delivery of this commitment.	Operation					X										DCO Schedule 2 (12), Outline CMP.	Design, pre-construction, construction and operation. Applicant and Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.
Mit-GT-351	Where grazing land is severed the Contractor will ensure that troughs, standpipes or field supplies located within the working area are moved to a new, temporary or agreed permanent location.	N/A	Construction							X								DCO Schedule 2 (6), Outline CEMP.	Construction, Contractor responsible.	ES Chapter 12 Land use and agriculture, Volume I.	To be confirmed after DCO submission.
Mit-GT-352	The Contractor will adopt measures to reduce emissions from the use of vehicles, plant and equipment as per the measures set out in the	The Applicant and Contractor to specify details of, and	Construction					X										DCO Schedule 2 (6), Outline CEMP; DCO Schedule 2 (12) Outline CMP.	Construction, Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
	Outline CMP (Document reference 7.8, DCO Volume 7).	undertake, monitoring specified in the Outline CMP (as appropriate) to ensure the successful delivery of this commitment.																			
Mit-GT-353	The Contractor will implement the Construction Drainage Plan measures as set out in Mit-GT-307 and Mit-GT-308 to reduce the risk of flooding.	Contractor to produce the Construction Drainage Plan, and undertake weekly monitoring of sediment traps via visual inspection with increased monitoring during inclement weather as outlined in the detailed CEMP(s). Contractor to specify details of, and undertake, monitoring (as appropriate) to ensure the successful delivery of this commitment.	Construction					X										DCO Schedule 2 (6), Outline CEMP.	Construction, Contractor responsible.	ES Chapter 10 Carbon and climate change, Volume I.	To be confirmed after DCO submission.
Mit-GT-354	The Contractor will undertake monitoring of works including air quality and control of odour as outlined in Mit-GT-128, Mit-GT-129, Mit-GT-138 and Mit-GT-139.	Contractor to specify details of, and undertake, monitoring and recording (as appropriate), as will be included in the detailed	Construction						X									DCO Schedule 2 (6), Outline CEMP.	Construction, Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I.	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
		CEMP(s), to ensure the successful delivery of this commitment.																			
Mit-GT-355	The Contractor will implement appropriate storage area management and dust suppression as outlined in Mit-GT-127, Mit-GT-128 and Mit-GT-130.	Contractor to specify details of, and undertake, monitoring and recording (as appropriate), as will be included in the detailed CEMP(s), to ensure the successful delivery of this commitment.	Construction						X									DCO Schedule 2 (6), Outline CEMP.	Construction, Contractor responsible.	ES Chapter 11 Land quality and ground conditions, Volume I.	To be confirmed after DCO submission.
Mit-GT-356	The Contractor will prepare and adhere to the Site Waste Management Plan (SWMP), in line with requirements in Mit-GT-275, to reduce the impact on soils by maximising the re-use and recovery of soils to reduce the quantity of waste produced.	Contractor to produce SWMP, that will be updated at regular intervals throughout the design and construction stages; as a minimum every six months, and whenever there is a significant change in the design or construction plan. This is to ensure the successful delivery of the commitment.	Construction								X							DCO Schedule 2 (6), Outline CEMP.	Construction, Contractor responsible.	ES Chapter 12 Land use and agriculture, Volume I.	To be confirmed after DCO submission.
Mit-LP-357	A new pumping station at the Budds Farm WTW will be designed to be resilient to the future flood risks.	N/A	Detailed Design					X									X	DCO Schedule 2 (3) Design Principles Document.	Detailed design prepared by Contractor.	ES Chapter 10 Carbon and climate change, Volume I; ES Chapter 19	To be confirmed after DCO submission.

(1) Reference	(2) Commitment	(3) Proposed Monitoring (where appropriate)	(4) Proposed Development Phase	Air quality and odour	Archaeology and cultural heritage	Terrestrial and freshwater biodiversity	Marine biodiversity	Carbon and climate change	Land quality and ground conditions	Land use and agriculture	Landscape and visual	Major accidents and disasters	Noise and vibration	Resources and waste management	Socio-economics, tourism and health	Traffic and transport	Water environment	(6) Commitment Securing Mechanism	(7) Delivery	(8) Associated Supporting Documentation (e.g. Source)	(9) Compliance Date and Details
																				Water environment, Volume I.	
Mit-LP-358	The canopies and root protection areas of the veteran trees north-west and north-east of construction compound L-9, and the woodland to the south-west of the limits of deviation for Work Number 4 will be protected from all construction activity.	Contractor to appoint suitably qualified ECoW to undertake monitoring as will be included in the detailed CEMP(s).	Detailed Design			X					X							DCO Schedule 2 (6), Outline CEMP.	Detailed design prepared by Contractor.	ES Chapter 8 Terrestrial and freshwater biodiversity, Volume I; ES Chapter 13 Landscape and visual, Volume I; ES Appendix 13.5 Arboricultural Impact Assessment, Volume II; Outline CEMP (Document reference 7.1, DCO Volume 7).	To be confirmed after DCO submission.

3 Abbreviations and glossary

Glossary	Description
Enhancement	Measures taken to achieve a benefit, which are unrelated to an adverse impact or which go beyond that required to mitigate/compensate for an impact. For example, restoration of a degraded habitat to leave it in a measurably better state than it was before the Proposed Development or other interventions to leave a positive legacy for the community.
Primary (inherent) mitigation	Modifications to the location or design of the Proposed Development which are a result of design evolution. Modifications which are an inherent part of the Proposed Development design for the purpose of avoiding, preventing or minimising likely significant environmental effects. For example, re-routing the Proposed Development to avoid passing through an ancient woodland.
Secondary (foreseeable) mitigation	Measures or actions to prevent or minimise any remaining significant adverse environmental effects of the Proposed Development identified through the EIA process. For example, reptile translocation will be undertaken to mitigate for the potential killing or injury of common reptile species by the permanent loss of suitable habitat at the WRP site.
Tertiary (inexorable) mitigation	Standard industry good practice measures or actions to reduce impacts, regardless of the design process and EIA assessment. These include actions that will be undertaken to meet existing legislative requirements, and/or actions that are considered to be standard good practice used to manage commonly occurring environmental effects.

Abbreviation	Full Term
AGP	Above Ground Plant
BCT	Bat Conservation Trust
BMV	Best and Most Versatile (agricultural land)
BNG	Biodiversity Net Gain
BPT	Break Pressure Tanks
CEMP	Construction Environmental Management Plan
CMP	Carbon Management Plan
COSHH	Control of Substances Hazardous to Health
CTMP	Construction Traffic Management Plan
CWTP	Construction Worker Travel Plan
DCO	Development Consent Order
DMP	Dust Management Plan

Abbreviation	Full Term
DPF	Diesel Particulate Filter
EA	Environment Agency
ECoW	Ecological Clerk of Works
EIA	Environmental Impact Assessment
EIMP	Emergency INNS Management Plan
EMEA	Environmental Mitigation and Enhancement Areas
EMS	Environmental Management System
ES	Environmental Statement
FWRA	Foundations Works Risk Assessments
HGVs	Heavy Goods Vehicles
HPI	Habitat of Principal Importance
INNS	Invasive Non-Native Species
ILP	Lighting Professionals
JCCC	Joint Casualty and Compassionate Centre
KCL	Key Connective Locations
LEMP	Landscape and Ecology Management Plan
LLFA	Lead Local Flood Authority
LOAEL	Lowest Observed Adverse Effect Level
MMP	Materials Management Plan
MMS	Mineral Management Strategy
NERC	Natural Environment and Rural Communities Act 2006
NRMM	Non-Road Mobile Machinery
NSIP	Nationally Significant Infrastructure Project
NVMP	Noise and Vibration Management Plan
NVSRs	Noise and Vibration Sensitive Receptors
OEMP	Operational Environmental Management Plan
O&M	Operations and Maintenance
OMH	Open Mosaic Habitat
OWC	Ordinary Watercourse Consent
PRoW	Public Rights of Way
RAMS	Risk Assessment and Method Statement
RoWMP	Rights of Way Management Plan
RPA	Root Protection Area
SEP	Skills and Employment Plan
SDNP	South Downs National Park
SINC	Site of Importance for Nature Conservation

Abbreviation	Full Term
SPA	Special Protection Area
SPZ	Source Protection Zones
SRMP	Soil Resource Management Plan
SuDS	Sustainable Drainage Systems
SWBGS	Solent Wader and Brent Goose Strategy
SWMP	Site Waste Management Plan
UXO	Unexploded Ordnance Safety and Awareness Briefing
WeBS	Wetland Bird Survey
WRP	Water Recycling Plant
WSI	Written Scheme of Investigation
WTW	Wastewater Treatment Works

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