



South East Strategic Reservoir Option
Preliminary Environmental Information Report

Appendix 15.1 - Preliminary assessment of effects for Socio-economics and communities

Date: October 2025

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1 Preliminary assessment of effects

1.1 Introduction

- 1.1.1 This Appendix sets out the preliminary assessment of effects for Socio-economics and communities, receptor by receptor, for the construction and operation stages respectively. The appendix is split into tables that list effects that are initially anticipated to be significant and tables that list effects that are not initially anticipated to be significant. The judgement of significance has been made assuming that embedded design mitigation and standard good practice mitigation relevant to Socio-economics and communities is applied (these are summarised in this Appendix with further detail provided in the Draft commitments register in Appendix 2.2). Nevertheless, the assessment assumes that additional mitigation is not applied, as the viability, nature and extent of any additional mitigation measures is not confirmed at this stage in the EIA process. As a result, consideration of residual effects (those that remain after the implementation of all mitigation, including additional mitigation) has not been completed for the PEI report.
- 1.1.2 Each receptor assessed for this aspect in the preliminary assessment is listed in the 'Baseline conditions' section of the associated PEI Report chapter, and also within the tables in this appendix. Each receptor has been assigned an Area ID which relates to the spatial extent of the receptor assessed. Where these have been spatially defined for the PEI Report, these are shown in figures cross-referenced from the 'Baseline conditions' section.
- 1.1.3 Each effect assessed has been assigned a unique identifier, the Effect ID.
- 1.1.4 The tables identify the following for each effect:
- Receptor name, Effect ID and sensitivity category
 - Project components and activities giving rise to the effect
 - Relevant embedded design mitigation and standard good practice mitigation (with unique Commitment ID, which relates to Appendix 2.2: Draft commitments register)
 - Magnitude of impact category and narrative
 - Initial category of effect significance, including whether it is adverse, beneficial or neutral (taking account of embedded design mitigation and standard good practice measures)
 - Description and duration of the effect
 - Any additional mitigation and monitoring identified at this stage (with unique Commitment ID, to enable cross reference to the measures noted in Section 15.10: Next steps of applicable aspect chapters).

1.2 Likely significant construction effects

Table 1.1 Initial likely significant effects during construction (with embedded and standard good practice mitigation applied, but prior to additional mitigation)

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
Grove (North) residential properties to the north of Station Road, Grove [SE- 492] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Grove (West) residential properties on Barley Way, Corn Lane, Straw Acre, Wheatfields and Townsend [SE-491] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
People living in Abingdon- on-Thames (site-facing edges) [SE-502] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
			(SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.				
People living in Culham [SE-503] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
People living in Denchworth [SE-494] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
People living in Drayton [SE-504] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
			(SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.			a result of significant noise and visual effects. (Long-term)	
People living in East Hanney [SE-497] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
People living in Marcham (to the east of Marcham along A415 Marcham Road only) [SE-506] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased visual effects and traffic acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant visual and traffic effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
People living in Steventon [SE-500] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
160 Hanney Rd, Steventon, Abingdon OX13 6AW [SE-521] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
3 Residential Properties at Farrow Farm, Hanney Rd, Steventon, Abingdon OX13 6AP [SE-517] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
3 Residential Properties at Honey Bottom Kennels, Orchard Cottage, Hanney	Most / all project components	Most / all project	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished	No additional mitigation has been confirmed at this stage, however, mitigation measures

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Road, Steventon, Abingdon, OX13 6AP. [SE-578] (High)		activities (construction)		and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project		as part of construction meaning that residents will have to be rehoused. (Permanent)	are being actively explored as the design and EIA progresses.
Bradfield Barn, Old Mans Lane, Grove [SE-496] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Detached Residential Properties on Steventon Road, OX12 0HS [SE- 555] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Goose Willow Farmhouse, Steventon, Abingdon, Oxfordshire, England, OX13 6AP [SE-516] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

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				characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project			
Picked Mead, Steventon, Abingdon, Oxfordshire, England, OX13 6AP [SE- 515] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Primrose Cottage, Hanney Road, Steventon, Abingdon, OX13 6AP [SE- 519] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Residential properties at Barrow Farm, Faringdon Road, Abingdon [SE-501] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

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			(SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.				
Residential properties at Bradfield Grove Farm, Cow Lane, Grove [SE-495] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Residential properties on Mill Road, Marcham [SE-505] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Residential Property at Bramble Grange, Steventon, Abingdon, Oxfordshire, England, OX13 6AP [SE-579] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

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				or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project			
Residential Property at Drayton Construction Ltd, Hanney Road, Steventon, Abingdon, OX13 6AW [SE-509] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Residential Property at OX12 0FE [SE-557] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Residential property at Venn Mill, Garford [SE-498] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

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			(SGP-27) Liaison with communities prior to and during construction.				
Residential Property at Westbury House (The Whispering Bob Broadcasting Co Ltd), Hanney Rd, Steventon, Abingdon OX13 6AW [SE-520] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Residential Property at Willowbrook Farm, Hanney Road, Steventon, Abingdon, OX13 6BE [SE-577] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Residents at Marcham Mill (NE area of Site) [SE-573] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects. (Long-term)	No additional mitigation required as the effect is not significant.

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The Views, Hanney Road, Abingdon, Oxfordshire, OX13 6AW [SE-532] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Duchess Nursery Steventon, The Hay Barn, Steventon, Oxfordshire, OX13 6RP [SE-582] (Moderate)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity and character as a result of significant noise and visual effects (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
St Michaels C of E Primary School, The Causeway, Steventon, Oxfordshire, OX13 6SQ [SE-581] (Moderate)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity and character as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Grove Cemetery [SE-493] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and users' enjoyment as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
South Oxfordshire Memorial Park and Crematorium [SE-499] (High)	Most / all project components	Most / all project activities (construction)	(SGP-13) Good practice measures for protecting landscape and visual receptors during construction. (SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-23) Standard good practice dust mitigation measures. (SGP-25) Apply measures including Best Practicable Means to reduce construction noise and vibration. (SGP-27) Liaison with communities prior to and during construction.	Medium Two significant environmental effects	Moderate (Significant) Adverse	Temporary amenity effects due to increased noise and visual effects acting in combination: Amenity effect due to change to amenity, character and users' enjoyment as a result of significant noise and visual effects. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
NCN Route 5 [SE-483] (High)	Most / all project components	Most / all project activities (construction)	(SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-27) Liaison with communities prior to and during construction. (SGP-34) Land that is only required temporarily during construction to be reinstated. (SGP-35) Design of temporary crossings during construction to maintain function and integrity of watercourses. (SGP-49) Temporary mitigation for Public Rights of Way and active travel route diversions.	Small Temporary diversion of NCN route 5 will increase journey length by around 70m during construction, which is more than 50m and under 250m.	Moderate (Significant) Adverse	Temporary closure or obstruction of NCN Route 5: The construction activities near the NCN route would result in temporary closure and diversion of cycling route provision. This would contribute to accessibility effects for cycle users within the draft Order limits and those who are commuting from the wider area. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
PRoW between A338 and Drayton [SE-487] (Moderate)	Most / all project components	Most / all project activities (construction)	(SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-27) Liaison with communities prior to and during construction. (SGP-34) Land that is only required temporarily during construction to be reinstated.	Large Temporary diversion of PRoW routes between A338 and Drayton as a result of the closure of the bridleway route crossing the site will increase journey length by around 4.8km during construction, which is more than 500m	Moderate (Significant) Adverse	Temporary closure or obstruction of PRoW routes: The construction activities between A338 and Drayton would result in temporary closure and diversion of PRoW route provision. This would contribute to accessibility effects for all users from nearby communities and those who are commuting from the wider road network via A338. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
			(SGP-35) Design of temporary crossings during construction to maintain function and integrity of watercourses. (SGP-49) Temporary mitigation for Public Rights of Way and active travel route diversions.				
PRoW between Abingdon and Reading Road [SE-485] (Moderate)	Most / all project components	Most / all project activities (construction)	(SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-27) Liaison with communities prior to and during construction. (SGP-34) Land that is only required temporarily during construction to be reinstated. (SGP-35) Design of temporary crossings during construction to maintain function and integrity of watercourses. (SGP-49) Temporary mitigation for Public Rights of Way and active travel route diversions.	Large Temporary diversion of PRoW routes between Abingdon and Reading Road as a result of the closure of north-east to south-west bridleway network will increase journey length by 5.7km during construction, which is more than 500m.	Moderate (Significant) Adverse	Temporary closure or obstruction of PRoW routes: The construction activities between Abingdon and Reading Road would result in temporary closure and diversion of PRoW route provision. This would contribute to accessibility effects for all users from nearby communities and the wider road network. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
PRoW between East Hanney and railway lines [SE-488] (Moderate)	Most / all project components	Most / all project activities (construction)	(SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-27) Liaison with communities prior to and during construction. (SGP-34) Land that is only required temporarily during construction to be reinstated. (SGP-35) Design of temporary crossings during construction to maintain function and integrity of watercourses. (SGP-49) Temporary mitigation for Public Rights of Way and active travel route diversions.	Medium Temporary diversion of PRoW routes between East Hanney and railway lines is anticipated to increase journey length by more than 250m and up to 500m in distance.	Moderate (Significant) Adverse	Temporary closure or obstruction of PRoW routes: The construction activities between East Hanney and railway lines would result in temporary closure and diversion of PRoW route provision. This would contribute to accessibility effects for active travel users from nearby communities. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
PRoW between East Hanney and Steventon [SE-490] (Moderate)	Most / all project components	Most / all project activities (construction)	(SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-27) Liaison with communities prior to and during construction. (SGP-34) Land that is only required temporarily during construction to be reinstated. (SGP-35) Design of temporary crossings during construction to maintain function and integrity of watercourses. (SGP-49) Temporary mitigation for Public Rights of Way and active travel route diversions.	Large Temporary diversion of PRoW routes between East Hanney and Steventon as a result of diversion onto alternative route will increase journey length by around 0.6km, which is more than 500m. The PRoW routes between Steventon and East Hanney via Hanney Road will remain available until the new alignment of Hanney Road has been completed.	Moderate (Significant) Adverse	Temporary closure or obstruction of PRoW routes: The construction activities between East Hanney and Steventon would result in temporary closure and diversion of PRoW route provision. This would contribute to accessibility effects for all users from nearby communities and the wider road network. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
PRoW between Marcham and Drayton [SE-486] (Moderate)	Most / all project components	Most / all project activities (construction)	(SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-27) Liaison with communities prior to and during construction. (SGP-34) Land that is only required temporarily during construction to be reinstated. (SGP-35) Design of temporary crossings during construction to maintain function and integrity of watercourses. (SGP-49) Temporary mitigation for Public Rights of Way and active travel route diversions.	Large Temporary diversion of PRoW routes between Marcham and Drayton as a result of the closure of the bridleway route between Drayton and Marcham via Marcham Mill will increase journey length by around 3km during construction, which is more than 500m	Moderate (Significant) Adverse	Temporary closure or obstruction of PRoW routes: The construction activities between Marcham and Drayton would result in temporary closure and diversion of PRoW route provision. This would contribute to accessibility effects for all users from nearby communities and the wider road network. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
PRoW between Marcham and Steventon [SE-489] (Moderate)	Most / all project components	Most / all project activities (construction)	(SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-27) Liaison with communities prior to and during construction.	Large Temporary diversion of PRoW routes between Marcham and Steventon as a result of realignment of Hanney Road to the south and closure of the existing bridleways will increase journey length	Moderate (Significant) Adverse	Temporary closure or obstruction of PRoW routes: The construction activities between Marcham and Steventon would result in temporary closure and diversion of PRoW route provision. This would contribute to accessibility effects for all users from nearby communities and the wider road network. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
			(SGP-34) Land that is only required temporarily during construction to be reinstated. (SGP-35) Design of temporary crossings during construction to maintain function and integrity of watercourses. (SGP-49) Temporary mitigation for Public Rights of Way and active travel route diversions.	by around 1.5km, which is more than 500m.			
People using the River Thames for recreational activity between Nag's Head Island and Culham Cut [SE-583] (High)	Intake/outfall structure	Most / all project activities (construction)	(SGP-27) Liaison with communities prior to and during construction.	Small Change of navigable width of less than 25%.	Moderate (Significant) Adverse	Permanent impacts on access to a section of the River Thames due to reduced width: The overall width of this section of the River Thames will be reduced by approximately 10m during construction which will impact recreational users (Permanent)	(AM-11) Measures to reduce effects to navigation on the River Thames. Measures will be developed to ensure that the effect on vessel users resulting from the reduced width of the river during construction of the intake/outfall is minimised as far as possible.
A34 Self Storage, Unit 91 Steventon Storage Facility, Hanney Rd, Steventon OX13 6DJ [SE-536] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
AFFA, Storage Facility, Hanney Rd, Steventon, Abingdon OX13 6DJ [SE-544] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
				of land to accommodate project			
Agricultural Property Group on Steventon Road, OX12 0HS [SE- 554] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Auto Cleanz Westcot, Goose Willow Farm, Hanney Road, Steventon, Abingdon, OX13 6AP [SE- 522] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Bramble Grange, Steventon, Abingdon, Oxfordshire, England, OX13 6AP [SE-514] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Dan's Garage and MOT, The Workshop, Goose Willow Farm, Hanney Rd, Abingdon OX13 6AP [SE- 548] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation.	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

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				important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project		(Permanent)	
Dragons Gate Koi, The Barn, Goose Willow Farm, Hanney Rd, Steventon, Abingdon OX13 6AP [SE-546] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Dragontek Body and Repair, Unit 3, Goose Willow Farm, Hanney Rd, Abingdon OX13 6AP [SE-551] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Drayton Construction Ltd, Hanney Road, Steventon, Abingdon, OX13 6AW [SE-510] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
				of land to accommodate project			
Easy Storage, Hanney Rd, Steventon, Abingdon OX13 6AP [SE-550] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
F&H Logistic Service, Unit X Steventon Storage Facility, Steventon OX13 6DJ [SE-542] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
GB Fabrications & Welding, Hanney Rd, Steventon OX13 6AW [SE-534] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Golf Buggy Services, Hanney Road, Abingdon, OX13 6AP [SE-526] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation.	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
				important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project		(Permanent)	
Goose Willow Solar Farm, Hanney Road, Steventon, OX13 6AP [SE-528] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
H & H Contract Scaffolding Ltd, Steventon Storage Facility, Hanney Road, Steventon, OX113 6DJ [SE-524] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Honey Bottom Kennels, Orchard Cottage, Hanney Road, Steventon, Abingdon, OX13 6AP (includes three residential properties) [SE-512] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
				of land to accommodate project			
Kiln Lane Farm, Kiln Lane, Abingdon, OX13 6RN [SE-553] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Landmead Farm and Airstrip, East Hanney, Abingdon, Oxfordshire, OX13 5PA [SE-530] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Landmead Solar Farm, Landmead Farm, East Hanney, Abingdon, Oxfordshire, OX13 5PA [SE-529] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Malthouse Training Centre, Hanney Road, Steventon, Abingdon, OX13 6AP [SE-527] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation.	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
				important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project		(Permanent)	
MDR Jet Washing, Hanney Rd, Abingdon OX13 6AQ [SE-538] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
MK Autos, Goose Willow Farm, Hanney Rd, Steventon, Abingdon OX13 6AP [SE-547] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
One Stop Worldwide, 91 Steventon Storage Facility, Hanney Rd, Steventon OX13 6AP [SE-540] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
				of land to accommodate project			
Orchard Farm, Hanney Road, Steventon, Abingdon, OX13 6AP [SE- 525] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Orchard Farmhouse, Steventon, Abingdon, Oxfordshire, England, OX13 6AP [SE-513] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are due to be demolished as part of construction meaning that residents will have to be rehoused (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Oxfordshire Towbars, Hanney Rd, Abingdon OX13 6AW [SE-533] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Sandline, Oak Tree Farm/Hanney Rd, Abingdon OX13 6AP [SE- 518] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to	Major (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation.	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
				important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project		(Permanent)	
Savvi, The Barns, Hanney Rd, Steventon, Savvi OX13 6AW [SE-535] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Scrap/Salvage Yard of A338, OX12 0JA [SE-556] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Self Store Steventon, Steventon Storage Facility, Hanney Rd, Steventon OX13 6AP [SE-539] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
				of land to accommodate project			
SL Automotive, Unit 1b, Calf House, Goose Willow Farm, Hanney Rd, Steventon, Abingdon OX13 6AP [SE-549] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Specialist Welding and Fabrication, Meredith Barn, Hanney Road, Steventon, OX13 6AW [SE-580] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Steventon Solar Park, Hill Farm, Steventon, Oxfordshire, OX13 6SW [SE-531] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Steventon Storage Facility, Hanney Road, Steventon, Abingdon, OX13 6DJ [SE-507] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation.	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
				important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project		(Permanent)	
Storage Collect, Unit 53 Steventon Storage Facility, Hanney Rd, Steventon OX13 6DJ [SE-537] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Tio Climate solutions, Unit X&Y, Steventon Storage, Hanney Rd, Abingdon OX13 6DJ [SE-543] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Tructyre, Unit 31, Steventon Storage Facility, Hanney Rd, Steventon OX13 6DJ [SE-541] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
				of land to accommodate project			
Trufitt Bespoke interiors, Unit 1b, Goose Willow Farm, Hanney Rd, Steventon, Buildings OX13 6AP [SE-552] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Verran Freight Ltd, Steventon Storage Facility, Hanney Road, Steventon, Abingdon, OX13 6DJ [SE-545] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Moderate (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Willowbrook Farm, Hanney Road, Steventon, Abingdon, OX13 6BE [SE- 508] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Land take effect: loss of resource and/or quality and integrity of resource; severe damage to important characteristics, features or elements. e.g. direct acquisition and demolition of buildings and direct development of land to accommodate project	Major (Significant) Adverse	Land take as a result of construction.: The premises are scheduled to be demolished as part of construction meaning the business will have to relocate or cease operation. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
County Council study area economy [SE-568] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Major change in GVA for the study area economy.	Moderate (Significant) Beneficial	Increases in GVA as a result of construction employment. : Uplift in GVA productivity as a result of additional construction employment. Quantitative calculations of GVA based on net	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
						additional construction employment will be provided at ES stage. (Long-term)	
County Council study area employment market [SE-566] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Major change in employment for the study area employment market - assumed based on peak number of workers at this stage. Quantitative calculations of direct, indirect and induced employment will be provided at ES stage.	Moderate (Significant) Beneficial	Employment effects arising during the construction stage.: It is currently estimated that the peak number of workers on site at any one time would be around 1,800 workers. Quantitative calculations of direct, indirect and induced employment will be provided at ES stage. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Local authority study area economy [SE-567] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Major change in GVA for the study area economy.	Moderate (Significant) Beneficial	Increases in GVA as a result of construction employment. : Uplift in GVA productivity as a result of additional construction employment. Quantitative estimates of GVA based on net additional construction employment will be provided at ES stage. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Local authority study area employment market [SE-565] (Low)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Major change in employment for the study area employment market - assumed based on peak number of workers at this stage. Quantitative estimates of direct, indirect and induced employment will be provided at ES stage.	Moderate (Significant) Beneficial	Employment effects arising during the construction stage.: It is currently estimated that the peak number of workers on site at any one time would be around 1,800 workers. Quantitative estimates of direct, indirect and induced employment will be provided at ES stage. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Local authority study area housing market [SE-569] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Major change in employment for the study area employment market - assumed based on peak number of workers at this stage. Quantitative calculations of direct, indirect and induced employment will be provided at ES stage. Assumed worst case of a high proportion of	Major (Significant) Adverse	Temporary effects on the housing market due to the temporary increase in population: During construction, there will be a temporary increase in population in the study area due to an influx of construction workers. As a worst case it is assumed that no on-site construction worker accommodation will be provided. It is anticipated that a proportion of the construction workforce will be currently residing in the study area and will travel to site from their permanent residence. Transport will be provided by the	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
				construction workers coming from beyond the study area.		contractor from larger local settlements such as Abingdon and Didcot. Construction workers coming to site from beyond the study area may utilise accommodation which will impact the housing market. (Long-term)	
Local authority study area public services [SE-572] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Major change in employment for the study area employment market - assumed based on peak number of workers at this stage. Quantitative calculations of direct, indirect and induced employment will be provided at ES stage. Assumed worst case of a high proportion of construction workers coming from beyond the study area.	Major (Significant) Adverse	Temporary effects on public services (education, health and emergency): During construction, there will be a temporary increase in population in the study area due to an influx of construction workers. As a worst case it is assumed that no on-site construction worker accommodation will be provided. It is anticipated that a proportion of the construction workforce will be currently residing in the study area and will travel to site from their permanent residence. Transport will be provided by the contractor from larger local settlements such as Abingdon and Didcot. Construction workers coming to site from beyond the study area may utilise public services which will put increased demand on them. (Long-term)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
Local authority study area temporary accommodation (tourism) market [SE-570] (High)	Most / all project components	Most / all project activities (construction)	No embedded design or standard good practice mitigation identified at this stage.	Large Major change in employment for the study area employment market - assumed based on peak number of workers at this stage. Quantitative estimates of direct, indirect and induced employment will be provided at ES stage. Assumed worst case of a high proportion of construction workers coming from beyond the study area.	Major (Significant) Adverse	Temporary effects on the temporary accommodation (tourism) market: During construction, there will be a temporary increase in population in the study area due to an influx of construction workers. As a worst case it is assumed that no on- site construction worker accommodation will be provided. It is anticipated that a proportion of the construction workforce will be currently residing in the study area and will travel to site from their permanent residence. Transport will be provided by the contractor from larger local settlements such as Abingdon and Didcot. Construction workers coming to site from beyond the study area may utilise temporary accommodation which will impact the temporary accommodation	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
						market in terms of availability for other visitors. (Long-term)	

1.3 Likely significant operation effects

Table 1.2 Initial likely significant effects during operation (with embedded and standard good practice mitigation applied, but prior to additional mitigation)

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
PRoW between A338 and Drayton [SE-293] (Moderate)	Most / all project components	Presence (of project components)	(ED-25) Permanent reinstatement or realignment of PRoW.	Large Magnitude of impact based on journey length changing by more than 500m.	Moderate (Significant) Adverse	Permanent diversion of PRoW: The route between the A338 (north of East Hanney) and Drayton during operation will follow the northern side of the reservoir past the Recreation Centre. This will increase the journey distance by around 1.5km compared to the existing route. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
PRoW between East Hanney and Steventon [SE-294] (Moderate)	Most / all project components	Presence (of project components)	(ED-25) Permanent reinstatement or realignment of PRoW.	Large Magnitude of impact based on journey length changing by more than 500m.	Moderate (Significant) Adverse	Permanent diversion of PRoW: The route between Steventon and East Hanney during operation will be via the new alignment of Hanney Road. This will increase the journey distance by around 0.6km compared to the existing route. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
PRoW between Abingdon and Reading Road [SE-291] (Moderate)	Most / all project components	Presence (of project components)	(ED-25) Permanent reinstatement or realignment of PRoW.	Large Magnitude of impact based on journey length changing by more than 500m.	Moderate (Significant) Adverse	Permanent diversion of PRoW: The route between Abingdon and the A417 Reading Road during operation will follow the eastern and southern sides of the reservoir in the operational state, between the Recreational Centre and the Great Western Main Line. This will increase the journey distance by around 0.6km compared to the existing route. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
PRoW between Marcham and Drayton [SE-292] (Moderate)	Most / all project components	Presence (of project components)	(ED-25) Permanent reinstatement or realignment of PRoW.	Large Magnitude of impact based on journey length changing by more than 500m.	Moderate (Significant) Adverse	Permanent diversion of PRoW: The route between Drayton and Marcham during operation will follow the north-eastern side of the reservoir past the Recreation Centre and via Marcham Mill. This will increase the journey distance by around 0.8km compared to the existing route. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.
People using the River Thames for recreational activity between Nag's Head Island and Culham Cut [SE-584] (High)	Intake/outfall structure	Operation	No embedded design or standard good practice mitigation identified at this stage.	Small Change of navigable width of less than 25%.	Moderate (Significant) Adverse	Permanent impacts on access to a section of the River Thames due to reduced width: The overall width of this section of the River Thames will be reduced by approximately 10m during operation which will impact recreational users (Permanent)	(AM-11) Measures to reduce effects to navigation on the River Thames. Measures will be developed to ensure that the effect on vessel users resulting from the reduced width of the river during construction of the

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
							intake/outfall is minimised as far as possible.
5km study area [SE-290] (Moderate)	Most / all project components	Use of publicly accessible areas and recreation facilities	No embedded design or standard good practice mitigation identified at this stage.	Medium Users of the facilities will have access to a range of recreational opportunities including unique education experiences in the Visitor Centre, Water Sports Centre and Education Centre focused on the reservoir setting. Visitors to the facilities may be infrequent and are likely to be scheduled and/or intermittent to the nature of the facility. Users are likely to include schools and families, including from beyond the study area.	Moderate (Significant) Beneficial	Provision of new recreational and leisure facilities: Provision of new recreational and leisure facilities including open space, Visitor Centre (Recreation Lakes Centre) and Water Sports Centre and Sailing Club, Education centre. (Permanent)	No additional mitigation has been confirmed at this stage, however, mitigation measures are being actively explored as the design and EIA progresses.

1.4 Likely non-significant construction effects

Table 1.3 Initial likely non-significant effects during construction (with embedded and standard good practice mitigation applied, but prior to additional mitigation)

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
West End Allotments, Marcham Road, Abingdon, OX14 1TU [SE-576] (Low)	A34 Marcham Interchange	General construction activities	No embedded design or standard good practice mitigation identified at this stage.	Small Land take effect: A discernible change in attributes, quality or vulnerability; minor loss of, or alteration to, one (or more) key characteristics, features or elements, e.g., amendment to access or acquisition of land resulting in changes to operating conditions that do not compromise overall viability of property, community assets.	Minor (Not Significant) Adverse	Land take as a result of construction: Part of the allotment will be permanently lost as a result of the construction of the reservoir, meaning tenants may lose their plots or need to use an alternative facility. (Permanent)	No additional mitigation required as the effect is not significant.
Registered common land at Abingdon [SE-564] (Negligible)	Most / all project components	Most / all project activities (construction)	(SGP-27) Liaison with communities prior to and during construction. (SGP-34) Land that is only required temporarily during construction to be reinstated.	No change The land location has been omitted from draft Order limits and will unlikely be impacted by construction or operation.	None (Not Significant) Neutral	Temporary impact on access to registered common land: The potential offsite highways works on Marcham Road to the northwest of land at Abingdon may have a temporary construction impact on access to the registered common land. (Long-term)	No additional mitigation required as the effect is not significant.
Registered common land in Cowhane [SE-562] (Low)	Most / all project components	Most / all project activities (construction)	(SGP-27) Liaison with communities prior to and during construction. (SGP-34) Land that is only required temporarily during construction to be reinstated.	Negligible The land is only expected to experience very minor impact to its access and is unlikely to be directly affected by construction.	Neutral (Not Significant) Adverse	Temporary impact on access to registered common land: The potential rail crossover works proposed in proximity to Cowhane may cause obstruction to the access and utilisation of the common land by the public. (Medium-term)	No additional mitigation required as the effect is not significant.
Registered common land in Heywoods Close [SE-561] (Low)	Most / all project components	Most / all project activities (construction)	(SGP-27) Liaison with communities prior to and during construction. (SGP-34) Land that is only required temporarily during construction to be reinstated.	Negligible The land is only expected to experience very minor impact to its access and is unlikely to be directly affected by construction.	Neutral (Not Significant) Adverse	Temporary impact on access to registered common land: The potential rail crossover works proposed in proximity to Heywoods Close may cause obstruction to the access and utilisation of the common land by the public. (Medium-term)	No additional mitigation required as the effect is not significant.
Several pieces of registered common land in the parish of West Hanney [SE-563] (Low)	Most / all project components	Most / all project activities (construction)	(SGP-27) Liaison with communities prior to and during construction. (SGP-34) Land that is only required temporarily during construction to be reinstated.	Negligible The land is only expected to experience very minor disruption and is unlikely to be directly affected by construction.	Neutral (Not Significant) Adverse	Temporary impact on access to registered common land: One piece of land in the parish of West Hanney is located within the draft Order limits, but is not close to any proposed significant construction work. The proposed area of mitigation grassland in proximity may cause minor disruption to the access of the land. (Short-term)	No additional mitigation required as the effect is not significant.

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
Thames Path [SE-484] (High)	Most / all project components	Most / all project activities (construction)	(SGP-19) Standard good practice measures to reduce impact of construction traffic on communities and the environment. (SGP-27) Liaison with communities prior to and during construction. (SGP-34) Land that is only required temporarily during construction to be reinstated. (SGP-35) Design of temporary crossings during construction to maintain function and integrity of watercourses. (SGP-49) Temporary mitigation for Public Rights of Way and active travel route diversions.	Negligible Temporary diversion will increase journey length by less than 50m during construction.	Minor (Not Significant) Adverse	Temporary closure or obstruction of National Trails Thames Path sections: The construction activities near the Thames Path National Trials would result in temporary closure and diversion of walking route provision. This would contribute to accessibility effects for pedestrians and trail users within the draft Order limits and those who are travelling from the wider area. (Long-term)	No additional mitigation required as the effect is not significant.

1.5 Likely non-significant operation effects

Table 1.4 Initial likely non-significant effects during operation (with embedded and standard good practice mitigation applied, but prior to additional mitigation)

Receptor name [Effect ID] (Sensitivity of receptor)	Project component(s)	Project activity(ies)	Embedded design / standard good practice mitigation applied	Magnitude of impact category and commentary	Initial significance category (Initial significance) / Direction of effect	Description of effect (including duration)	Additional mitigation identified (including monitoring)
Local authority study area economy [SE-296] (Low)	Most / all project components	Presence (of project components)	No embedded design or standard good practice mitigation identified at this stage.	Small Minor change in GVA for the study area economy. Quantitative calculations of GVA based on net additional operational employment will be provided at ES stage.	Minor (Not Significant) Beneficial	Increases in GVA as a result of operational employment. : Uplift in GVA productivity as a result of additional operational employment. Quantitative calculations of GVA based on net additional operational employment will be provided at ES stage. (Permanent)	No additional mitigation has been identified at this stage as the effect is likely to be beneficial.
Local authority study area employment market [SE-295] (Low)	Most / all project components	Presence (of project components)	No embedded design or standard good practice mitigation identified at this stage.	Small Minor change in employment for the study area employment market - assumed based on peak number of workers at this stage. Quantitative calculations of direct, indirect and induced employment will be provided at ES stage.	Minor (Not Significant) Beneficial	Employment effects arising during the operational stage. : It is currently estimated that there will be approximately 100 staff travelling to and from the site per day. Quantitative calculations of direct, indirect and induced employment will be provided at ES stage. (Permanent)	No additional mitigation has been identified at this stage as the effect is likely to be beneficial.
Local authority study area housing market [SE-297] (High)	Most / all project components	Presence (of project components)	No embedded design or standard good practice mitigation identified at this stage.	Negligible Very minor change in employment for the study area employment market. The number of jobs created during operation is anticipated to be very minor. It is also anticipated that a large proportion of the workforce will be residents within the study area, travelling from their existing permanent residence.	Minor (Not Significant) Adverse	Permanent effects on the housing market due to the permanent increase in population: The operation of the Proposed Development could attract more people to live within the study area who want to live close to their place of work. This could have an impact on the study area housing market. (Permanent)	No additional mitigation required as the effect is not significant.
Local authority study area temporary accommodation (tourism) market [SE-298] (Moderate)	Most / all project components	Presence (of project components)	No embedded design or standard good practice mitigation identified at this stage.	Negligible Very minor change in employment for the study area employment market. The number of jobs created during operation is anticipated to be very minor. It is also anticipated that a large proportion of the workforce will be residents within the study area, travelling from their existing permanent residence.	Minor (Not Significant) Adverse	Permanent effects on the temporary accommodation (tourism) market: During operation, non-local workers may choose to move closer to their place of work and may seek temporary accommodation (such as rented properties, B&Bs, hotels) in the study area. This could have an impact on the study area temporary housing market. (Permanent)	No additional mitigation required as the effect is not significant.



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