

Cambridge Waste Water Treatment Plant Relocation Project Anglian Water Services Limited

Environmental Statement Appendix 2.6: Mitigation Tracker

Application Document Reference: 5.4.2.6 PINS Project Reference: WW010003 APFP Regulation No. 5(2)a

Revision No. 03 September 2023





Document Control

Document title Mitigation Tracker

Version No. 0102

Date Approved <u>30.01.23</u>29.09.23

Date 1st Issued 30.01.2329.09.23

Version History

Version	Date	Author	Description of change	
01	30.01.23	-	DCO Submission	
02	29.09.23		Procedural decision 01 update	Inserted Cells
			Addition of Figure setting out mitigation	Inserted Cells
			Table 2-1 restructure and addition of ES Chapter 22	
			measures	

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1 Introduction

1.1 Anglian Water Services Limited

- 1.1.1 —Anglian Water Services Limited (the 'Applicant') is the largest regulated water and water recycling company in England and Wales by geographic area, supplying water and water recycling services to almost seven million people in the East of England and Hartlepool.
- 1.1.2 —The Applicant is committed to bringing environmental and social prosperity to the region they serve, through their commitment to Love Every Drop. As a purpose-led business, The Applicant seeks to contribute to the environmental and social wellbeing of the communities within which they operate. As one of the largest energy users in the East of England, they are also committed to reaching net zero carbon emissions by 2030.

1.2 Background Introduction to the relocation project

1.2.1 The Applicant is proposing to build a modern, low carbon waste water treatment for1.2.1 Anglian GreWater's Cambridge on a new site area north of the A14 between Fen Ditton and Waste Water Treatment Plant Relocation project

(CWWTPRP) ("the Proposed Development") is funded by Homes England, the Government's housing accelerator which seeks to improve neighbourhoods and grow communities by releasing land for development.

Horningsea within the Cambridge drainage catchment area, to replace the plant on Cowley Road, hereafter referred to as1.2.2 The Proposed Development involves the relocation of the existing Cambridge

Waste Water Treatment Plant (WWTP) <u>currently operating at Cowley Road</u>, <u>Cambridge</u>, to a new site between Horningsea, Fen Ditton and Stow cum Quy <u>adjacent to the A14 in Cambridgeshire</u>.

1.2.23 -The relocation will enable South Cambridgeshire District Council and Cambridge

- would make the site of the existing WWTP available to form part of theCity Council's long held ambition to development of a new low-carbon city district, on known as North East Cambridge. The site at Cowley Road, is Cambridge's last major brownfield site, known asand the wider North East Cambridge- district proposals envisage creating around 8,350 homes and 15,000 jobs over the next 20 years. The site is an important component of the First Proposals (preferred options) for the new
- 1.2.4 North East Cambridge is a highly sustainable location for housing. In addition to the Homes England funding, the area has benefitted from Transport Infrastructure Fund (TIF) funding for Park & Ride, the completion of





<u>Cambridge Guided Bus public transport infrastructure, the delivery of the</u> <u>Cambridge North rail station and the Chisholm Trail.</u>

1.2.5 North East Cambridge is one of three key strategic sites which will form "central building blocks of any future strategy for development" in the proposed Greater Cambridge Local Plan that werebeing jointly prepared by Cambridge City Council and South Cambridgeshire District Council that will be subject to public consultation in lateAutumn 20213. The North East Cambridge Area Action Plan has also been agreed by the Councils(AAP), currently in its "Proposed Submission" form-and, will be subject to public consultation prior to submission, once the planning

policy framework which ultimately guides the Ddevelopment Consent Order is determined.of_The relocation of the existing waste water treatment facility will enable this new district to come forward and deliver 8,350 homes, 15,000 new jobs and a wide range of community, cultural and open space facilities in North East Cambridge- city district-Further details on this can be found in our Statement of Requirement (Application Document Reference 7.2) which was published in September 2019.

1.2.3 The relocation of the waste water treatment plant will also allow The Applicant to

continue providing vital waste water services to customers across Cambridge and Greater Cambridge. The new plant will continue storing and treating storm flows and treating sludge to produce renewable energy. It will be designed to deal with a growing population. It offers the opportunity for a joined-up solution for treating waste water from Cambridge and Greater Cambridge, including Waterbeach. The proposal is for both waste water from the existing Waterbeach waste water treatment plant and future flows from Waterbeach New Town to be treated at the proposed Cambridge waste water treatment plant.

- 1.2.4<u>6</u> -The <u>importance of the</u> Proposed Development-<u>will be the first waste water</u> project to seek a
- , both regionally and nationally, was recognised by Development Consent Order that is not specifically named in the National Policy
- Statement (NPS). 'The Applicant' sought and obtained a direction from the Secretary of State under section 35 of the Planning Act 2008 ("the 2008 Act") that the projectfor Environment, Food and Rural Affairs (DEFRA) in January 2021, who directed that the Proposed Development is nationally significant and is to be treated as <u>a</u> development of national significance.for which a Development Consent Order (DCO) is required (see Appendix 1-3 of the Planning Statement, App Doc Ref 7.5).
- **1.3** The <u>1.2.7</u> The policy context of the Proposed Development is described in more detail in the Planning Statement (Application Document Reference 7.5)</u>





1.3 1.3.1 This section provides a high-level summary of the Proposed Development. The term Proposed Development refers to the Cambridge Waste Water Treatment Plant (WWTP) Relocation project in its entirety and all works associated with the development. The relocation site

- 1.3.2 1.3.1 The relocation site was selected following comprehensive study and public consultation. A detailed description of the Proposed Development can be found The site selection process and consideration of alternatives is described in more detail in Chapter 23: Alternatives of the Environmental Statement (App Doc Ref 5.2.23).
- 1.3.32 -The purpose of the proposed WWTP will be to treat all waste water and wet sludge from the Cambridge catchment just ascurrent environmental conditions at the existing Cambridge WWTP currently does, plus that from the growth indicated and being planned within the catchment in the Local Plan to 2041, with ability to expand beyond to deal with further growth.site and at the relocation site are described in Chapter 2: Project Description of the Environmental Statement (App Doc Ref 5.2.2).
- 1.3.4 As part of its statutory function, the Applicant operates_The site is located to the north-east of Cambridge and 2km to the east of the existing Cambridge WWTP-, as shown on the Works Plans (App Doc Ref 4.3.1). It is situated on arable farmland immediately north of the A14 and east of the B1047 Horningsea Road in the green belt between the villages of Horningsea to the north, Stow cum Quy to the east and Fen Ditton to the south west. Two overhead lines of pylons cross the northern and eastern edges of the main development site and come together with a third line at the north eastern corner of the site. The topography is fairly flat with an approximately 4m fall across the site south west to north east.

1.4 Purpose of the Proposed Development

- 1.4.1 The Proposed Development for which the DCO is being sought will deliver all the functions of Tthe existing Cambridge WWTP receives at Cowley Road, treating all waste water from the Cambridge catchment either directly from the connected sewerage network or tankered to the plant from homes and businesses that are not connected and wet sludge from the wider region. This waste water is then treated and the treated effluent discharged through an outfall to the nearby River
- Cam. The existing Cambridge WWTP is an integrated WWTP, as would be the Proposed Development. Integrated WWTP incorporate a sludge treatment function, in the form of a Sludge Treatment Centre (STC), which treats the sludge derived from the<u>1.4.2 In addition, it will have an increased capacity,</u> being intended to treat the waste water from the catchment, and the "wet





sludge" produced by other satellite plants which do not have integrated STC:Waterbeach catchment and anticipated housing growth in the combined Cambridge and Waterbeach catchment area.

1.3.5 The Waterbeach New Town development lies to the north of Cambridge. When built out Waterbeach new town will comprise some 11,000 new homes along with associated business, retail, community and leisure uses. Waste water from Waterbeach will ultimately be treated by the proposed Cambridge WWTP once operational. However, the rate of development at Waterbeach New Town may require a new pipeline (rising main) to be built from Waterbeach to the existing Cambridge WWTP to allow treatment of waste water in advance of the proposed WWTP becoming operational. In that case, either a later connection would be made to the proposed WWTP from a point on the pipeline route, or flows diverted from the existing Cambridge WWTP via1.4.3 The infrastructure provided as part of the main works will have a design life to at least 2090, and the supporting infrastructure (i.e. the transfer tunnel-, pipelines and outfall) will have a designed capacity sufficient to meet population growth projections plus an allowance for climate change into the 2080s. Furthermore, there is capability for expansion in space that has been

provided within the earth bank and by modification, enhancement and optimisation of the design to accommodate anticipated flows into the early 2100s.`

1.5 1.3.6 In summaryOutline description of the Proposed

Development will comprise of:

1.5.1 The DCO application is seeking approval for the following main elements of the <u>Proposed Development:</u>

- an integrated waste water and sludge treatment plant.
- a shaft to intercept waste water at the existing Cambridge WWTP on Cowley Road and a tunnel/ pipeline to transfer it to the proposed WWTP and terminal pumping station. Temporary intermediate shafts to launch and recover the micro-tunnel boring machine.
- a gravity pipeline transferring treated waste water from the proposed WWTP to a discharge point on the River Cam and a pipeline for storm water overflows.
- a twin pipeline transferring waste water from Waterbeach to the existing Cambridge WWTP, with the option of a connection direct in to the proposed WWTP when the existing works is decommissioned.
- ancillary on-site buildings, including <u>-</u> a Gateway Building with incorporated Discovery Centre, substation building, workshop, vehicle parking including electrical vehicle charging points, fencing and lighting.





- environmental mitigation and enhancements including substantial biodiversity net gain, improved habitats for wildlife, extensive landscaping, a landscaped earth bank enclosing the proposed WWTP, climate resilient drainage system and improved recreational access and connectivity.
- Rrenewable energy generation via anaerobic digestion which is part of the sludge treatment process that produces biogas designed to be able to feed directly into the local gas network to heat homes, or as an alternative potential future option burnt in combined heat and power engines.
- renewable energy generation via solar photovoltaic and associated battery energy storage system.
- other ancillary development such as internal site access, utilities, including gas, electricity and communications and connection to the site drainage system.
- a new vehicle access from Horningsea Road including for Heavy Goods Vehicles (HGV's) bringing sludge onto the site for treatment and other site traffic.
- Temporary construction works including compounds, temporary highway controls, accesses and signage, fencing and gates, security and safety measures, lighting, welfare facilities, communication control and telemetry infrastructure.
- Decommissioning works to the existing Cambridge WWTP to cease its existing operational function and to facilitate the surrender of its operational permits including removal of pumps, isolation of plant, electrical connections and pipework, filling and capping of pipework, cleaning of tanks, pipes, screens

and other structures, plant and machinery, works to decommission the potable water supply and works to restrict access to walkways, plant and machinery.

- 1.5.2 Additional elements, together with more information on the above features are provided in Chapter 2: Project Description of the Environmental Statement (App Doc Ref 5.2.2). Principles of Good Design have been used to inform the development of the project, which has been guided by the National Infrastructure Commission's Design Principles, advice from the Design Council and review by the Cambridgeshire Quality Panel, as described in the Design and Access Statement (App Doc Ref 7.6).
- 1.5.3 Construction activities, likely to take 3-4 years, will include the creation of a
shaft to intercept waste water at the existing Cambridge WWTP and
temporary intermediate shafts between the existing Cambridge WWTP and
the proposed WWTP to launch and recover a micro-tunnel boring machine.
The sequence and location of construction activities are also detailed in
Chapter 2: Project Description of the Environmental Statement (App Doc Ref
5.2.2).





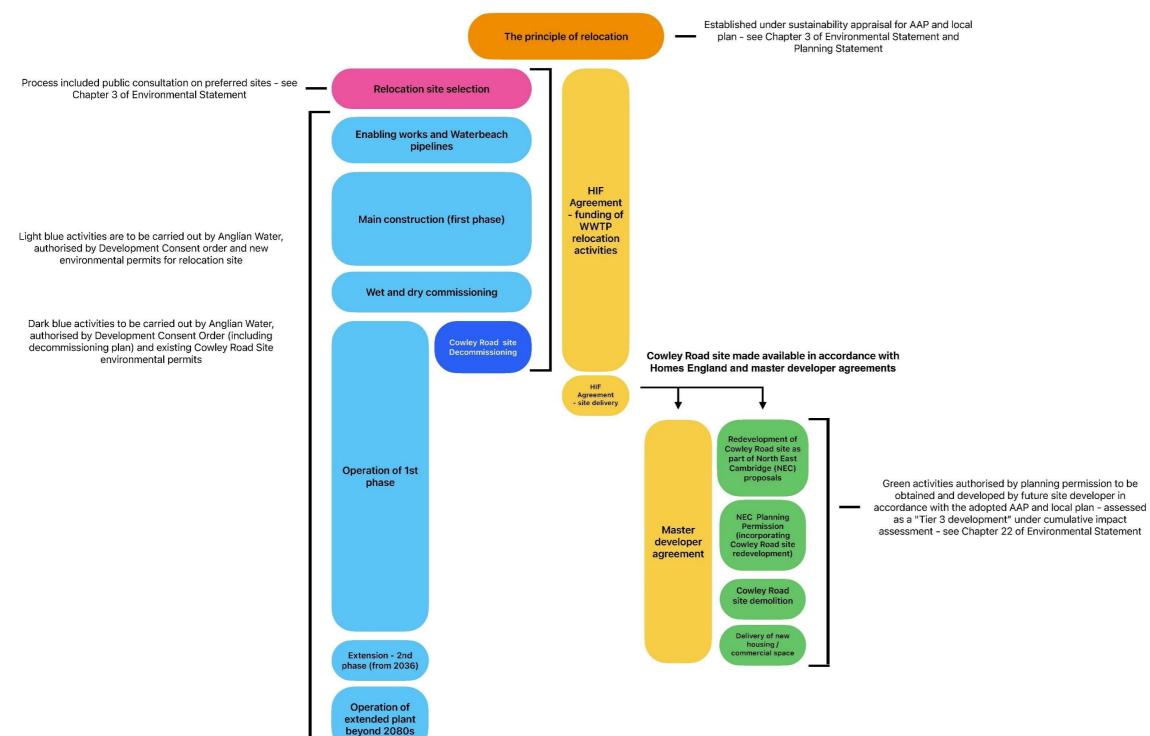
- 1.5.4 Towards the end of the construction period, commissioning of the Proposed Development will commence, lasting for between 6 months and 1 year.
- 1.5.5 The Proposed Development will also involve the decommissioning of theexisting Cambridge WWTP at Cowley Road. This is secured by theDevelopment Consent Order and the Outline Decommissioning Plan(Appendix 2.3, App Doc Ref 5.4.2.3) and involves activities necessary to takethe existing plant out of operational use and to surrender its currentoperational permits.
- 1.5.6 Following decommissioning, the site of the existing plant will be made availablein accordance with agreements already in place with Homes England and withthe master developer appointed to deliver the redevelopment of North EastCambridge
- 1.5.7 Consent is not sought under the Development Consent Order for thesubsequent demolition or redevelopment of the Cowley Road site, which, asdescribed in Chapter 2: Project Description of the Environmental Statement(App Doc Ref 5.2.2) will be consented under a separate and future planningpermission, by master developers, U+I and TOWN, appointed under theagreements described above.
- <u>1.5.8 The relationship between the Proposed Development, the scope of the</u> <u>proposed DCO and the future demolition and redevelopment of the site at</u> <u>Cowley Road is set out in figure 1.1, below</u>

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Mitigation Tracker

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Mitigation Tracker



2 <u>Cambridge Waste Water Treatment Plant Relocation</u> <u>Project Mitigation Tracker</u>

1.6 Environmental mitigation

- 1.6.1 Through the environmental impact assessment process and community and technical stakeholder engagement the Proposed Development has incorporated comprehensive environmental mitigation, secured through the Development Consent Order.
- 1.6.2 This mitigation includes a Landscape, Ecological and RecreationalManagement Plan ("LERMP", Appendix 8.14, App Doc Ref5.4.8.14) has been developed to complement regional and localinitiatives, including the Wicken Fen Vision and the CambridgeNature Network. The 22-hectare footprint of the plant isencircled by a landscaped and planted earth bank situated withinthe broader LERMP area of around 70-hectares.

1.7 Additional project benefits

- 1.7.1 In addition to enabling housing growth and future economic

 development of the Greater Cambridge area the project will also

 give rise to a number of additional benefits including:
- significantly reduced carbon emissions compared to the existing
 <u>Cambridge WWTP</u>, being operationally net zero and energy
 <u>neutral</u>, contributing to Anglian Water's ambition of being
 <u>operationally net zero as a business by 2030</u>.
- greater resilience and improved storm management, meaning storm overflows and Combined Sewer Overflows (CSOs) are far less likely to occur. This means that, as Greater Cambridge continues to grow, the facility will be able to treat a greater volume of storm flows to a higher standard than would be the case at today's facility.
- The proposed WWTP is being designed to reduce concentration
 in final treated effluent discharges of phosphorus, ammonia,
 total suspended solids and biological oxygen demand (BOD),
 compared to the existing Cambridge WWTP. This means that
 when the new facility starts to operate, water quality in the River
 Cam will improve.



Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker



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2 Mitigation Tracker

- 2.1.1 —The purpose of the Mitigation Tracker is to set out the mitigation measures presented in the Environmental Statement (Volume 5) for the Proposed Development.
- 2.1.2 —The table below sets out the relevant Environmental Statement topic chapter and

the location within those chapters of where the mitigation can be found. The far right hand column of the table sets out the mechanism by which the mitigation has been secured within the DCO application.

2.1.3 The Mitigation Tracker should be read in conjunction with the Environmental Statement.

Mitigation Tracker

Chapter Mitigation Description of impact Mitigation measure Secured by number ——location

2.1.3 Table 2-1 provides guidance on the content of the mitigation tracker which is provided in Table 2-2.

Table 2-1: Mitigation tracker guidance

Column	Explanation
Mitigation ID	Unique identification number for specific measure
Source	Identifier which is directly related to the mitigation identified within the ES or other application documentation
Description of impact	Details of impact for which mitigation is applied to
Mitigation / commitment	Summary of the mitigation as identified within the source document.
<u>Phase</u>	Project phase that the measure will apply or be initiated
Reference documents	Where the mitigation measure is referenced or identified within the application documents
Securing mechanism	How the mitigation is secured such as a direct Requirement of the DCO or as s106
<u>Related mitigation</u>	Impacts which rely on the implementation of mitigation assigned to other impacts for example impacts to community receptors recorded in ES Chapter 11:Community are reliant on measures applied to control noise, air, odour and traffic and transport impacts.

Mitigation Tracker

Chapter Mitigation Description of impact Mitigation measure Secured by number location

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Mitigation Tracker

Chapter Mitigation Description of impact Mitigation measure Secured by number location

Cambridge Waste Water Treatment Plant Relocation Project
Table 2-1:Mitigation Tracker



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Mitigation Tracker

Chapter Mitigation Description of impact Mitigation measure Secured by number location

Chapter

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Mitigation Tracker

Chapter Mitigation Description of impact Mitigation measure Secured by number location







Mitigation Tracker

Chapter Mitigation Description of impact Mitigation measure Secured by number location

Figure 2 .1: Mitigation architecture

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Table 2-2: Mitigation tracker

Ref	Source	Description of impact	Mitigation measure	Secured by numberPhase Reference document	location S
<u>mechanisn</u>	<u>n</u>				

AS-1	ES Chapter 06:	run-off, water logging and			App Doc Ref 5.4.6.3)
	Agriculture and Soils	contamination from leaks and	Where possible land drains will be avoided	DCO Sch	
					· ·
<u>AS-2</u>	ES Chapter 06: Agriculture and Soils (App Doc Ref 5.3.6) Table 5.2 - Securing Mitigation	the quality of soil resources as a result of during the construction of the proposed WWTPdevelopment due to soil compaction, poor soil storage, run-off, water logging and contamination from leaks and spills.	 Code of Construction Practice Manged through the soil quality and management mitigation measures which include, but are not limited to the following: <u>AH</u>andling of site soils should always be conducted in accordance with the Construction Code of Practice for Sustainable Use of Soils on Construction Sites (Defra 2018); <u>SSoil handling will be limited during wet periods where soils are susceptible to structural damage when handled at high moisture content or when plastic;</u> <u>Tracked/low ground pressure vehicles are used -where possible throughout stripping and haulage to reduce structural damage through compaction;</u> <u>SSoil stripping will be carried out in all areas subject to earthworks and will be stored and handled separately as per their type; -and</u> <u>SStripped soils will be stockpiled, where possible, on dry, flat ground avoiding hollows</u>- 	Construction	Section 4.4 (CEMP) ParaDCO Schedule 24.4.4., Code of ConstructionRequirement 9 CPractice (CoCP) Part Adetailed soil man(Appendix 2.1, App Doc Refplan which must5.4.2.1)with the measurOutline SMP (Appendix 6.3, App Doc Ref 5.4.6.3)management plan
			Dutline SMP		
			h detailed SMP will include provision for management and monitoring or a period of at least 5 years following construction .		
soil <u>resources du</u> <u>the proposed</u>	(App Doc Ref 5.3.6) <u>Table 5.2 - Securing</u> <u>Mitigation</u> reduction in the quality of uring the construction of <u>d development due to</u> tion, poor soil storage,	spills. Code of Construction Practice A detailed Soil Management Plan building on the outline SMP will be submitted to and approved by the LPA and will form part of a Construction Environmental Management Plan (CEMP)	Construction Sections 4.4 (CEMP) Para 4.4.4. 5.14, Watercourses/drainage channels, 7.4, Land quality – soil management, Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Outline SMP (Appendix 1)	DCO Sch Required Ction DCO Sch CEMP - 2 manage accord v	ment – 8 CoCP redule 2, ment 9 – CEMP redule 2 Requirement 9 a detailed soil ment plan which must with the measures set
resources as construction	ES Chapter 06: Agriculture and Soils Chapter 06: (App Doc Ref 5.3.6) Table 5.2 - Securing Mitigation the quality of soil a result of the of the proposed WWTP ompaction, run-off, water	logging and contamination from leaks and spills Code of Construction Practice Section 4.4 a detailed Soil Management Plan building on the outline SMP will be submitted to and approved by the LPA and will form part of a Construction Environmental Management Plan (CEMP)	 Section 5.14 where possible land drains will be avoided (Section 5.14 of CoCP Part A). Code of Construction Practice & Outline SMP Section 7.4 maged through the soil quality and management mitigation measures resources during the construction of the Agriculture and Mitigation which include, but are not limited to following: proposed development due to soil Construction Sections 4.4 (CEM) 	on o the	<u>4.4.4. 5.14,</u> <u>Watercourses/drainage</u> <u>channels, 7.4, Land quality – soil</u> <u>management, Code of</u> <u>Construction Practice</u> (CoCP) Part A (Appendix 2.1, App <u>Doc Ref 5.4.2.1)</u> <u>Section 5.4, Outline SMP</u> (Appendix 6.3, App Doc Ref



+<u>Securing</u>

<u>the</u> outlin

<u>ule 2</u> nt 9 CEMP – a managem <u>ent</u> must accord easures set out in soil nt plan

> <u>soil</u> mana <u>managem</u> <u>ent plan</u>



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Chapter Ref **location**Securing mechanism **Mitigation**Source

Description of impact

Mitigation measure Secured by numberPhase Reference document

5.4.6.3) DCO Schedule 2, Requirement – 8 CoCP

DCO Schedule 2, Requirement 9 – CEMP

Requirement 9 CEMP --- a detailed soil management plan which must accord with the measures set out in the outline soil management plan

CoCP Part A).

Soils • Handling of site soils should always be conducted in accordance

Soils on Construction Sites (Defra 2018); spills.

Soil handling will be limited during wet periods where soils are susceptible to structural damage when handled at high moisture content or when plastic;

- Tracked/low ground pressure vehicles are used where possible throughout stripping and haulage to reduce structural damage through compaction;
- soil stripping will be carried out in all areas subject to earthworks and will be stored and handled separately as per their type; and

-----Stripped soils will be stockpiled, where possible, on dry, flat ground avoiding hollows-

Outline SMP

The detailed planSMP will include provision for management and monitoring for a period of at least 5 years following construction .

The detailed plan will include provision for management and monitoring for a period of at least 5 years following construction -for areas not covered by the LERMP

Section 4.4 and 5.14, Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1)

Approval and implementation of a Construction Environmental Management Plan (CEMP) secured through a requirement of the draft DCO (App Doc Ref 2.1).

Outline SMP (Appendix 6.38.14, App Doc Ref 5.4.6.3) which are secured through the requirements of the draft DCO (App Doc Ref 2.15.4.8.14)

- A detailed Soil Management Plan building on the outline SMP (Appendix 6.3, App Doc Ref 5.4.6.3) will be submitted to and approved by the LPA and will form part of a Construction **Environmental Management Plan (CEMP)**

Where possible land drains will be avoided (Section 5.14 of

Reduction in the quality of soil resources as a Application of appropriate soil handling practices through Section 4.4, Code of Construction Practice (CoCP) Part A (App Doc Ref Chapter 06: Table 5.2 - Securing implementation of the outline SMP and requirement within Section 4.4 result of the construction of the proposed Mitigation 5.4.2.1) of the CoCP Part A (Construction Environment Management Plan WWTP due to soil compaction, run off, water (CEMP)) to prepare a SMP. This may include management mitigation logging and contamination from leaks and measures not limited to the following: Approval and implementation of a Construction Environmental spills handling of site soils should always be conducted in accordance Management Plan secured through a requirement of the draft DCO (App with the Construction Code of Practice for Sustainable Use of Soils Doc Ref 2.1). on Construction Sites (Defra 2018); soil handling will be limited during wet periods where soils are Outline SMP (App Doc Ref 5.4.6.3) which are secured through the susceptible to structural damage when handled at high moisture requirements of the draft DCO (App Doc Ref 2.1) content or when plastic: tracked/low ground pressure vehicles are used where possible throughout stripping and haulage to reduce structural damage through compaction; soil stripping will be carried out in all areas subject to earthworks and will be stored and handled separately as per their type; and stripped soils will be stockpiled, where possible, on dry, flat ground-avoiding-hollows. where possible land drains will be avoided (Section 5.14 of CoCP Part A). -a detailed Soil Management Plan building on the outline SMP (App Doc Ref 5.4.6.3) will be submitted to and approved by the



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			Secu	ter<u>Ref</u> ription of impact red by number<u>Ph</u> ion<u>Securing mec</u>t	Mitiga ase Refere	gation Source ation measure ence document		
<u>AS-4</u>	<u>ES Chapter 06:</u> Agriculture and Soils (App Doc Ref 5.3.6) Table 5.2 - Securing Mitigation	Reduction in the quality of soil resources within the land required for the proposed WWTP due to soil compaction, run-off, water channels / Land drains)logging and contamination from leaks and spills	(CEMP).P The detain period of LERMPPr	ractice led plan will include (at least 5 years follow ovision / reinstateme	a-Construction Environ provision for manageme wing construction for ar nt of land drainage thro A (Other wWatercourse	ent and monitoring for eas not covered by the ough implementation of	Inserted Cells Inserted Cells Inserted Cells Inserted Cells Inserted Cells	
<u>AS-5</u>	ES Chapter 06: Agriculture and Soils (App Doc Ref 5.3.6) Table 5.2 - Securing Mitigation	Provision / reinstateme s land drainage through implementation of Section 5.14, CoCP Par (Appendix 2.1, App Doc	t A	Mitigation 5.14 of the CoCP Pa Soils	art A (Other <u>W</u>w atercou		nels,) ompaction, run-off, water- nation from leaks and	wit which is secured throug channels / Land drains).
requireme results in to soil cor run-off, w contamina temporar during cor	tin the quality of Temporary ent of agricultural land <u>effect on</u> soil resources <u>due</u> mpaction, poor soil storage, vater logging and ation from leaks and spills to y change to use of soils nstruction of the final	5.4.2.1)		<u>c</u> Chapter 06: <u>h</u> Agriculture and <u>a</u> Soils <u>n</u> <u>e</u> <u>l</u>	Table 5.2 - Securing Mitigation	Temporary require results in effect on compaction, poor s logging and contar spills to temporary during construction	ment of agricultural land soil resources due to soil soil storage, run-off, water nination from leaks and change to use of soils of the final effluent aste water transfer tunnel	Provision / reinstatemer Section 5.14 of the CoCF channels / Land drains).
transfer tu	ipeline and the waste water unnel onstruction Practice			Chapter 06: Chapter 06: Cha	ue to land-			Application
Construct				<u>o</u> d e o			Section	4.4, Code of Construction Pr (CoCP) Part A (Append App Doc Ref 5.4.2.1)
<u>– 8 CoCP</u> <u>AS-7</u> outline S Se landscap	Irses/drainage Requirement ES Chapter 06: Agriculture and <u>Mitigation</u> required for the proposed WWTP, the access implementation of the SMP and requirement within extion 4.4 App Doc Ref 5.4.2.1) Soils road and bing proposals set out within of the CoCP Part A (Construction Environment nagement Plan-Soils	(App Doc 5.3.6) Tak - Securing <u>Mitiga</u> <u>tion</u> Temporary loss of acces and use of agricultural I during construction of t Waterbeach pipeline.	<u>ble 5.2</u> g as to and	Ī				
							11	



A	
within the land required for the proposed-Section ough a requirement of the draft DCO (App Doc Ref) -	2.1)
ent of land drainage through implementation of CP Part A (Other watercourses / Drainage).	Section 5.14, CoCF which is secured t

DCO Schedule 2, Table 5.2 Securing Permanent ion of appropriate soil handling practices through

Practice
<u>Requirement 9 – CEMP</u>
ndix 2.1,
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Chapter locationSe	Ref ecuring mechanism	MitigationSource	Description of impact	I	Mitigation measure	Secured by numberPhase	Reference document
<u>AS-6</u>	ES Chapter 06: Agriculture and Soils (App Doc Ref 5.3.6) Table 5.2 - Securing Mitigation	Permanent loss of BMV land due to land required for the proposed WWTP, the access road and landscaping proposals set out within <u>of</u> the landscape masterplan.	Code of Construction Practice & Outlin <u>Application of appropriate soil handling</u> <u>implementation of the outline SMP and</u> <u>of the CoCP Part A (Construction Enviro</u> (CEMP)) to prepare a SMP.	g practices through d requirement within Section 4.4	Construction	Sections 4.4 (CEMP) Para 4.4.4., and 7.4, Land quality - soil management Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Outline SMP (Appendix 6.3, App Doc Ref 5.4.6.3)	DCO Schedule 2, Requirement – 8 CoCP DCO Schedule 2, Requirement 9 – CEMP DCO Schedule 2 Requirement 9 CEMP - – a detailed soil management plan which must accord with the measures set out in the outline soil management plan
Design				d through the requirements of th	ne draft DCO		
Defined acce	esses to Waterbeach	roval	· · · · · · · · · · · · · · · · · · ·	ef 2.1) <u>5.4.19.7)</u>			
section para allow farmin Code of Con CTMP Minimising a disturbance of Section 7.	temporary haul route illel to Hatridges' Lane to ng activities to continue. istruction Practice & access disruption and through implementation .6 of the CoCP Part A Transport) and CTMP	imple ntatic of a Const tion Enviro ental(struct Traffin Mana ment Plan	n Chapter 06: Table 5.2- Agriculture and Mitigation ruc Soils nm Con ion 2 ge	• agricultural land o Waterbeach pipe	f access to and use of during construction of the line. emporary loss of	through reinstatement ar	equired during construction to pre- nd implementation of-section 7.4 of a SMP based on the outline SMP (A
	e requirement to agree	Secur	agricultura	Hand from Return land tempor	arily required		
	access through	throu	zh duringSecti	ion 4.4 (CEMP) Para 4.4.4. and 7			
	<u>n with landowners,</u> /or land agents <u>.</u>	a .	/ Contin	<u>Code of</u> e <u>C</u> onstruction to previo on 7.4, CoCP) Part A (Appendix 2			
	n Table 2-14 ES Chapter 6	requi ent of		sriculture and	.i, App Doe Kei		
	Agricultural Land	the di		ation waste water transfe	er tunnel and		
	and Soils (App	DCO	treated				
	Doc Ref 5.2.6)	(App⊣ Ref	DCO Schedule 2 Requirement 7	- Detailed design			
	Table 4-1 and Sections Section		T Requirement 4 – Parameters – S	chedule 7 access to works			
	5.2 (Temporary	<u>MP)</u>	DCO Schedule 2, Requirement –	7 Detailed design			
	access points		DCO Schedule 2, Requirement 9	CEMP to include detailed			
	and construction road signage),	Outlir	e <u>CTMP which must accord with t</u> construction traffic managemen				
	and 6.3	SMP		<u>t plan</u>			
	(Adherence to	(Appe	ndi				
	<u>Designated</u> <u>Routes) in</u>	x 6.3 19	7.				
	the landscape	App D					
	masterplan.	Ref	- 1				
	(CEMP)) to	5.4.6. whic h	A CONTRACTOR OF				
	prepare a SMP.	WHICH					

evious use of the CoCP (Appendix Section 7.4, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)

Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO Doc Ref 2.1).

Section 5.4, Outline SMP (Appendix 6.3, App Doc Ref 5.4.6.3) which secured through requirements of the draft DCO (App Doc Ref 2.1)

<u>AS-8</u>	ES Chapter 06: Agriculture and Soils (App Doc Ref 5.3.6) Table 5.2 - Securing Mitigation	<u>Temporary loss of access to</u> <u>and use of agricultural land</u> <u>during construction of the</u> <u>Waterbeach pipeline.</u>	Code of Construction Practice & Outline SMP Return land temporarily required during construction to previous use through reinstatement to original land use after construction in line with landowner/tenant requirements as required by section 7.4 of the CoCP Part A and through application of a SMP based on the outline SMP (Appendix 6.3, App Doc Ref 5.4.6.3).	<u>Construction</u>	Section 4.4 (CEMP) Para 4.4.4., Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Section 7.4, Land quality – sc management, Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1 Outline SMP (Appendix 6.3,	DCO Schedule 2, Requirement – 8 CoCP DCO Schedule 2, Requirement 9 – CEMP
<u>AS-9</u>	ES Chapter 06: Agriculture and Soils (App Doc Ref 5.3.6)	Temporary loss of agricultural land from waste water transfer tunnel and	Code of Construction Practice & Outline SMP Return land temporarily required during construction to previous use through reinstatement and implementation of section 7.4 of the CoCPto of DCO Schedule 2, treated Soils effluent pipelines,	Construction original land use aft	App Doc Ref 5.4.6.3) Section 4.4 (CEMP) Para 4.4.4., Code of Construction Practice (CoCP) Part A	DCO Schedule 2, Requirement – 8 CoCP
	Table 5.2 - Securing Mitigation	the outfall and habitat creation. creation.	<u>landowner/tenant requirements as required by section 7.4 of the CoCP</u> Part A and <u>through</u> application of a SMP based on the outline SMP - App	proval and impleme	(Appendix 2.1, App Doc Ref Intation of a Construction Environi Management	mental : Plan secured through a requirement

<u>5.4.2.1Doc Ref 2.1).</u>

Section 5.4, Outline SMP (Appendix 6.3, App Doc Ref

5.4.6.3) which are secured through requirements of the draft DCO (App Doc Ref 2.1)

<u>AS-10</u>	ES_Chapter 06: Agriculture and Soils (App Doc Ref 5.3.6) Table 5.2 - Securing Mitigation	Table 5.2 -Securing Mitigation	Construction Traffic Management Plan To reduce impacts toon farm businesses the Construction Traffic Management Plan includes the details of traffic management measures such as reduced speeds, signage and haul route and access points. Minimising temporary shortterm impacts to farm businesses through application of the measures required by the CTMP in particular: • Section 6.3 Adherence to Designated Routes; • Section 5.2 (Temporary access points and	<u>Construction</u>	Approval and implementation of a Construction Environmental Section 5.2 (Temporary access points and Management Plan secured through a requirement of the draft DCO (App Doc Ref 2.1). construction road signage)	DCO Schedule 2, Requirement – 8 CoCP DCO Schedule 2, Requirement 9 to include detailed CTMP, CEMP to include detailed CTMP
			construction road signage) which requires the use of temporary signage along all proposed construction haul roads. As a minimum this will include internal haul road speed limits, warning (hazard signs), potential vehicle or pedestrian , Section 6.3 Adherence to Designated Routes; Minimising access disruption and disturbance through implementation of Section 7.6 of the CoCP Part A (Traffic and		Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7) , secured through a requirement of the draft DCO (App Doc Ref 2.1)	



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of the draft DCO (App

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Cambridge Waste Water Treatment Plant Relocation P	roject
Mitigation Tracker	





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<u>nt),</u>	<u>Require</u>
	<u>ment 9</u>
	<u>– CEMP</u>
	<u>to</u>
	<u>include</u>
<u>, App</u>	<u>detailed</u>
	<u>CLP,</u>
	<u>detailed</u>
	<u>CTMP</u>





Chapter locationSe	Ref curing mecha	<u>nism</u>	MitigationSource	Description of impact	Mitigation measure	Secured by numberPhase	Reference document
				Section 6.3 Adherence to Designated H	Routes	_	
				Code of Construction Practice			
				Minimising access disruption and disturbance t Section 7.6 of the CoCP Part A (Traffic and Tran			
				requirement to agree temporary access throug landowners, tenants and/or land agents.			
				Requirement within section 3 (Community & St			
				of the CoCP Part A (Application Doc Ref: Appen 5.4.2.1,) to appoint a Community Liaison Office			
				that relationships and lines of communication a			
				the construction period including communicati			
				to access.	<u>_</u>		
<u>AQ-1</u>	ES Chapter 07:			minimise the impacts			
	Quality (App		-short term reduction in I				
	5.2.7), Table 5.2		a ta avvalta v	from vehicle movements in particular:			
	Securing Mitiga Short term emi		air quality	ction 6.3 Adherence to Designated Routes;			
	from	5510115					
	Constructio	on Traffic	• <u>Se</u>	ction 6.9 requirement for speed restrictions to Bur			
	Management P			be put in place in accordance with	d Road as well as Clayhithe Road will		
	construction tra	affic		Order set out within an article in t			
	using	Mana		Travel Plan			
		geme					
		nt of		Implementation of Construction Worker Travel workers to use more sustainable travel more			
		<u>constr</u>		vehicle trips and will investigate the potent			
		uction		facilitate travel outside of the peak periods			
		<u>vehicl</u>	Construction Sect	tion 4.4 (CEMP) Para	_		
		<u>e</u> <u>move</u>		4., Code of Construction Practice (CoCP) Part A			
		ments	<u>(Ap</u>	pendix 2.1, App Doc Ref			
		<u>descri</u>		<u>5.4.2.1)</u>			
		bed					
		<u>within</u> tho		ions 6.3, Adherence to ignated Routes,			
the nublic hig	ghway results in	<u>the</u>		struction and 6.9			
	<u>,</u>	CTMP		struction Traffic			
)	Mar	nagement Plan			
		(Appe	(App	pendix 19.7, App Doc Ref			
		ndix	5.4.	19.7), secured through a requirement of the draft	DCO		
		19.7, Арр	Out	line Travel Plan			
		Doc		pendix 19.9, App Doc			
		Ref	<u></u>				
		5.4.19					
		.7) <u>to</u>					





Chapter Ref locationSecuring mechanism	MitigationSource D	escription of impact	Mitigation measure	Secured by numberPhase	Reference document	
Chapter 07: Air Table 5.2 Securi	ng Short term emissions from con	Wandgement of construction ven	icle movements described within the	Approval and implementation of	f a Construction Environmenta	4
QualityMitigationAQ-2ES Chapter 7: Air Quality (App Doc Ref 5.2.7), Table 5.2 - Securing Mitigation	creation from construction Ma		ef 5.4.19.7) to minimise the impacts ular: <u>Construction</u> fignate Cortestions to Burgess's Drove, Road as well as Clayhithe Road will be first the Module Traffic Regulation for Morkel Travel Plan to encourage for Morkel Travel Plan to encourage for incorporated for sustainable travel modes, to icle trips and will investigate the lowing general clintate travel outside of	Management Plan secured thro Dec Rohs2414. (CEMP) Para 4.4.4., and 7.8 Air quality Code of Construction Practices (CoCP) Bath A Status and a req <u>Appendix 2.1, App Doc Ref</u> 5.4.2.1)	DCO Schedule 2, Requirement – 8 CoCP	oc Pof
<u>Ref 5.4.19.9)</u>	DCO Schedule 2, Requirement	 Minimising the movement of construction tr the working area as far as possible; provision of adequate water supplies for efferent dust/particulate matter suppression; sweeping and damping down of surfaces at r intervals; CEMP to include detailed CLP, detailed CTMP Reg 	e <u>gular</u>	rational Worker Travel Plan	construction traffic management plan	_
<u>DCO Schedule 2,</u> Reguirement – 8 CoCP	<u>9 (2)(b)(i) – CEMP to include de</u>	tailed CLP		<u>h must accord to measures</u> e outline travel plan		
	Requirement 12	 <u>use of enclosed chutes and conveyors and cskips;</u> <u>where necessary the use of solid screens or lwhen activities will a high potential for dust generation are carried out;</u> <u>removal of materials which have the potential produce dust will from site as soon as possitunless being re-used on site. If they are bein used on-site, they will be covered or stored locations where there is less potential for in</u> <u>positioning of stockpiles as far as practicable residential areas and at least 10 metres from watercourses where practical; and</u> <u>sealing of stockpiles by means of back bladin pile to help reduce dust and to not promote wildlife habitat.</u> 	al to ble, ble, ng re- in npact; from n g the stock e areas for			• daily on
AQ-3 ES Chapter 7: Air Quality (App Doc Re 2.1) Chapter 07: Air —_5.2.7), Table 5.2 - Securing Mitigation —_Temporary instance of dust creation from	——construction activities (such a land clearance, earthworks,	 Section 4.4 which requires the Principal G Quality/Dust Management Plan(s) before Plan will be appended to or incorporated appended to or incorporated into the 	ithin the CoCP Part A (Appendix rticular: - Practice ass patractor(s) to produce an Air works commence on site. The nto the CEMP(s). The Plan will be rec will be	ction 3.2 of Part B specifies that sto sociated with Shaft 5 will be back b ck of the excavator bucket, to shap e surface of the stockpile to contro Section 7.8. (Air Quality) wh quires the following general <u>mitigan</u> I be put in place to minimise dust- ited to: <u>implemented</u> :	ockpiles bladed with the be and compact bl dust. tichSection 3.4 tion measures including but not	window s 100 m of boundary Carry out site inspe monitor o with the record ins



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Undertake aily on-site and f-site inspection, here receptors ncluding roads) <u>e nearby, to</u> <u>onitor dust,</u> cord inspection sults, and make <u>e log available to</u> e local authority hen asked. This ould include egular dust soiling necks of surfaces ich as street rniture, cars and ndow sills within 00 m of site oundary;

nrry out regular te inspections to onitor compliance th the DMP, cord inspection

love every drop



Chapter Ref Mitigati locationSecuring mechanism	en <u>Source</u> Description of impact	Mitigation measure See	sured by numberPhase Reference document
inspection log available to d	Ŭ	An (secured secured Application DCO Sch Required DCO Sch	<u>ment – 8 CoCP</u>
-AQ-4ES Chapter 7: Air Quality (App Doc Ref 5.2.7), Table 5.2 - SecuringTemporary instances of dust creation from construction activities (such as land clearance, earthworks, materials handling) leading to impacts from construction dust	Code of Construction Practice Section 3.4 of Part B requires following mitigation measures to be implemented: • Undertake daily on-site and off-site inspection, where receptors (including roads) are nearby, to monitor dust, record inspection results, and make the log available to the local authority when asked. This should include regular dust soiling checks of surfaces such as street furniture, cars and window sills within 100 m of site boundary; • Minimising the movement of construction traffic around the working area as far as possible;Carry out regular site inspections to monitor compliance with the DMP, record inspection results, and make an inspection log available to the local authority when asked; and	4.4.4., an <u>Code of C</u> <u>Practice (((Appendiz 5.4.2.1) <u>Section 3.</u> <u>Tunnel C</u> (Appendiz <u>5.4.2.2)</u>,</u>	1.4 (CEMP) Para DCO Schedule 2, d 7.8 Air quality Requirement – 8 CoCP onstruction DCO Schedule 2, CoCP) Part A Requirement 9 - CEMP to x 2.1, App Doc Ref include detailed AQMP 2 & 3.4, Transfer Requirement 9 CEMP to include oCP Part B x 2.2 App Doc Ref
	provision of adequate water supplies for effective dust/particulate matter supplies for effective dust/particulate matter supplies sweeping and damping down of surfaces at regular intervals;	ression;	
	use of enclosed chutes and conveyors and covered skips; where necessary the use of solid screens or barriers when activities will a high-	potential for dust generation are carr	ied out;
	removal of materials which have the potential to produce dust will from site as covered or stored in locations where there is less potential for impact;	soon as possible, unless being reuse	d on site. If they are being re used on site, they will be
	positioning of stockpiles as far as practicable from residential areas and at leas	10 metres from watercourses where	a practical; and
	sealing of stockpiles by means of back blading the stock pile to help reduce dus	t and to not promote areas for wildli	fe habitat.
on site when activities with a high potential to produce dust are being carried out	Code of Constructi(Appendix 2.2 App Doc Ref 5.4.2.2)on	<u>Requirer</u> <u>detailed</u>	<u>ment 9 - CEMP to include</u> AQMP

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· ·	<u>Ref</u> ng mechanism	MitigationSource	Description of impact	Mitigation measure	Secured by numberPhase R	<u>eference document</u>
			 Increase the frequency of site inspection issues on site when activities with a high potential to produce out and during prolonged dry or windy 	uce dust are being carried	lity and dust	
.Q-5 ES C	Chapter 07: Air		stack height and operate in			
	Quality (App Doc Ref	emissions of nitrogen oxide			Sludge Treatment Centre	
	7), Table 5.2 -		accordance with the relevant MCPD emission	on limit values for energy		
Secu	uring Mitigation	to air resulting in reduced			para 2.4.3 (App Doc Ref	
Ope	eration of energy		plants which will be specified within a site-s	specific Environmental Permit. local air quality	5.2.2).	
plan	nt Energy		·	·		abla 2 10
<u>Plan</u>	nt Design				ES Chapter 7, Ta	able 2-19
(Operation ES				Approval and implementation of	
<u>Char</u>	pter 2 Project				Construction Environmental Ma	
equiring continuo	ous Description				Plan secured through a require	
ection 2.4					Parameters of the draft DCO (A	
	Energ				2.1)- DCO Schedule 2 Requirem	<u>1ent 7 -</u>
	¥				Detailed design	
	<u>plant</u>					
	will	Air Quality Management Pl	an (secured through Section 4.4 of the CoCP			
	h	All Quality Management in				
	<u>have</u>	DCO Schedule 2 -				
	<u>suitab</u>					
	<u>suitab</u> <u>le</u>	DCO Schedule 2 - Requirement 4 – Parameter	2	emission limits and conditions for monitoring ar	nd reporting. Part A) secured	
	<u>suitab</u> <u>le</u> <u>exhau</u>	DCO Schedule 2 - Requirement 4 – Parameter	rs will include medium combustion plant directive	emission limits and conditions for monitoring ar	nd reporting. <mark>Part A) secured</mark>	
	<u>suitab</u> le <u>exhau</u> <u>st</u>	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit v through a requirement of th	rs will include medium combustion plant directive	· · · ·	DocumentB-2 Ref 2.1)	
	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u>	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit v through a requirement of the Operation of energy plant	rs will include medium combustion plant directive	compared to existing	Document <u>B-2</u> Ref 2.1) management measures to me	
.ir <u>Biod</u>	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u> <u>diversity,</u> Table 5.2	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit v through a requirement of the Operation of energy plant requiring continuous	rs will include medium combustion plant directive of the draft DCO (Application LERMP – landscape	· · · ·	DocumentB-2 Ref 2.1)	
.ir <u>Biod</u>	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u>	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of th Operation of energy plant requiring continuous emissions of nitrogen oxides	rs will include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be	compared to existing	Document <u>B-2</u> Ref 2.1) management measures to me	
.ir <u>Biod</u>	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u> <u>diversity,</u> Table 5.2	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of the Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced	rs will include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8	compared to existing	Document <u>B-2</u> Ref 2.1) management measures to me	
.ir <u>Biod</u>	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u> <u>diversity,</u> Table 5.2	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of the Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality Creation and	rs will include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8 inclusion o	compared to existing	Document <u>B-2</u> Ref 2.1) management measures to me	
.ir <u>Biod</u>	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u> <u>diversity,</u> Table 5.2	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of the Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality Creation and management of habitats as	rs will include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8 <u>inclusion o</u> <u>masterplar</u>	compared to existing	Document <u>B-2</u> Ref 2.1) management measures to me	
.ir <u>Biod</u>	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u> <u>diversity,</u> Table 5.2	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of the Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality Creation and management of habitats as part of the landscape	rs will include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8 inclusion o	compared to existing	Document <u>B-2</u> Ref 2.1) management measures to me	
.ir <u>Biod</u>	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u> <u>diversity,</u> Table 5.2	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of the Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality Creation and management of habitats as part of the landscape masterplan results in	rs will include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8 <u>inclusion o</u> <u>masterplar</u>	compared to existing	Document <u>B-2</u> Ref 2.1) management measures to me	
.ir <u>Biod</u>	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u> <u>diversity,</u> Table 5.2	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of th Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality Creation and management of habitats as part of the landscape masterplan results in beneficial impacts	rs will include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8 inclusion o masterplar (such as ex	compared to existing	Document <u>B-2</u> Ref 2.1) management measures to me	
.ir <u>Biod</u>	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u> <u>diversity,</u> Table 5.2	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of th Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality Creation and management of habitats as part of the landscape masterplan results in beneficial impacts associated with more varied	<u>S</u> will include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8	compared to existing	Document <u>B-2</u> Ref 2.1) management measures to me	
.ir <u>Biod</u>	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u> <u>diversity,</u> Table 5.2	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of th Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality Creation and management of habitats as part of the landscape masterplan results in beneficial impacts	<u> LERMP – landscape</u> <u> Direct benefit to be</u> <u> LERMP (Appendix 8)</u> <u> inclusion o</u> <u> masterplar</u> <u> (such as ex</u> <u> Energy plai</u> <u> in accordar</u>	compared to existing	Document <u>B-2</u> Ref 2.1) management measures to me	
<mark>.i⊭ Biod</mark> tuality <u>B-1</u> - Sec	<u>suitab</u> <u>le</u> <u>exhau</u> <u>st</u> <u>Chapter 8:</u> <u>diversity,</u> Table 5.2	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of th Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality Creation and management of habitats as part of the landscape masterplan results in beneficial impacts associated with more varied	<u> S vill include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8 </u>	compared to existing	Document <u>B-2 Ref 2.1)</u> management measures to men enable replacement habitat if	
ir Biod tuality <u>B-1</u> - Sec ES Ch	suitab le exhau st Chapter 8: diversity, Table 5.2 curing Mitigation	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of the Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality Creation and management of habitats as part of the landscape masterplan results in beneficial impacts associated with more varied and quality habitat when	<u> S vill include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8 </u>	compared to existing baseline habitats	Document <u>B-2 Ref 2.1)</u> management measures to men enable replacement habitat if	initial planting is not succes
<mark>.i⊭ Biod</mark> tuality <u>B-1</u> - Sec <u>ES</u> Ch <u>Section</u> - Biod	suitab le exhau st Chapter 8: diversity, Table 5.2 curing Mitigation hapter 088 : <u>4 Landscape,</u> diversity, Table 5.2	DCO Schedule 2 - Requirement 4 – Parameter The Environmental Permit w through a requirement of th Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality Creation and management of habitats as part of the landscape masterplan results in beneficial impacts associated with more varied and quality habitat when Table 5.2 – Securing DCO Schedule 2 _of habitats as part of the	S S S S S S S S S S S S S S S S S S S	compared to existing baseline habitats LERMP long term management – detailed	Document <u>B-2 Ref 2.1)</u> management measures to men enable replacement habitat if	<u>initial planting is not succes</u>
<mark>.i⊭ Biod</mark> tuality <u>B-1</u> - Sec <u>ES</u> Ch <u>Section</u> - Biod	suitab le exhau st Chapter 8: diversity, Table 5.2 curing Mitigation hapter 088 : <u>4 Landscape,</u> diversity, Table 5.2	DCO Schedule 2 - <u>Requirement 4 – Parameter</u> <u>The Environmental Permit v</u> through a requirement of the Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality <u>Creation and</u> management of habitats as part of the landscape masterplan results in beneficial impacts associated with more varied and quality habitat when <u>Table 5.2 – Securing</u> DCO Schedule 2 _of habitats as part <u>of the</u> Management Plan (LERMP) secure	S will include medium combustion plant directive is the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8	compared to existing baseline habitats LERMP long term management – detailed Direct benefit to b	Document <u>B-2 Ref 2.1)</u> management measures to mere enable replacement habitat if	<u>initial planting is not succes</u>
<u>ir</u> <u>Biod</u> uuality <u>B-1</u> - Sec <u>ES</u> Ch <u>Section</u> <u>Biod</u> andscape, Ecolog	suitab le exhau st Chapter 8: diversity, Table 5.2 curing Mitigation hapter 088: 4 Landscape, diversity, Table 5.2 gical and Recreational	DCO Schedule 2 - <u>Requirement 4 – Parameter</u> <u>The Environmental Permit v</u> through a requirement of the Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality <u>Creation and</u> management of habitats as part of the landscape masterplan results in beneficial impacts associated with more varied and quality habitat when <u>Table 5.2 – Securing</u> DCO Schedule 2 _of habitats as part of the Management Plan (LERMP) secu	S S S S S S S S S S S S S S S S S S S	compared to existing baseline habitats LERMP long term management – detailed Direct benefit to b	Document <u>B-2 Ref 2.1)</u> management measures to mere enable replacement habitat if	<u>initial planting is not succe</u>
<u>ir</u> <u>Biod</u> uuality <u>B-1</u> - Sec <u>ES</u> Ch <u>Section</u> <u>Biod</u> andscape, Ecolog	suitab le exhau st Chapter 8: diversity, Table 5.2 curing Mitigation hapter 088: 4 Landscape, diversity, Table 5.2 gical and Recreational	DCO Schedule 2 - <u>Requirement 4 – Parameter</u> <u>The Environmental Permit v</u> through a requirement of the Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality <u>Creation and</u> management of habitats as part of the landscape masterplan results in beneficial impacts associated with more varied and quality habitat when <u>Table 5.2 – Securing</u> DCO Schedule 2 _of habitats as part <u>of the</u> Management Plan (LERMP) secure	S Will include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8	compared to existing baseline habitats LERMP long term management – detailed Direct benefit to b	Document <u>B-2 Ref 2.1)</u> management measures to mere enable replacement habitat if	<u>initial planting is not succe</u>
<u>ir</u> <u>Biod</u> uuality <u>B-1</u> - Sec <u>ES</u> Ch <u>Section</u> <u>Biod</u> andscape, Ecolog	suitab le exhau st Chapter 8: diversity, Table 5.2 curing Mitigation hapter 088: 4 Landscape, diversity, Table 5.2 gical and Recreational	DCO Schedule 2 - <u>Requirement 4 – Parameter</u> <u>The Environmental Permit v</u> through a requirement of the Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality <u>Creation and</u> management of habitats as part of the landscape masterplan results in beneficial impacts associated with more varied and quality habitat when <u>Table 5.2 – Securing</u> DCO Schedule 2 _of habitats as part of the Management Plan (LERMP) secu	S will include medium combustion plant directive is the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8	compared to existing baseline habitats LERMP long term management – detailed Direct benefit to b	Document <u>B-2 Ref 2.1)</u> management measures to mere enable replacement habitat if plan preparation c realised through the habitat provision Requirement 11 – LERMP	<u>initial planting is not succes</u>
<u>ir</u> <u>Biod</u> uuality <u>B-1</u> - Sec <u>ES</u> Ch <u>Section</u> <u>Biod</u> andscape, Ecolog	suitab le exhau st Chapter 8: diversity, Table 5.2 curing Mitigation hapter 08 8: 4 Landscape, diversity, Table 5.2 gical and Recreational curing Mitigation - of	DCO Schedule 2 - <u>Requirement 4 – Parameter</u> <u>The Environmental Permit v</u> through a requirement of the Operation of energy plant requiring continuous emissions of nitrogen oxides to air resulting in reduced local air quality <u>Creation and</u> management of habitats as part of the landscape masterplan results in beneficial impacts associated with more varied and quality habitat when <u>Table 5.2 – Securing</u> DCO Schedule 2 _of habitats as part of the Management Plan (LERMP) secu	S Will include medium combustion plant directive of the draft DCO (Application LERMP – landscape Direct benefit to be LERMP (Appendix 8	compared to existing baseline habitats LERMP long term management – detailed Direct benefit to b	Document <u>B-2 Ref 2.1)</u> management measures to mender enable replacement habitat if plan preparation c realised through the habitat provision Requirement 11 – LERMP Management Plan (LERMP) (Appendix 8.14, App Doc	<u>initial planting is not succes</u>



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	plant all contro emission minto	
	and conditions for monitoring	
	and reporting. Design	
	Parameters of the draft DCO	
	(App Doc Ref 2.1)Ref 5.4.8.14	



Chapter <u>Ref</u> document locationSecuring me	MitigationSource chanism	Description of impact	Mitigation measure	Secured by numberPhase	R
		inclusion of a new mosaic of habitats within in the landscape management and maintenance plan (secured through requirements in the DCO). This plan will be based or -compared to existing masterplan intended to link to existing habitat features of value baseline habitats vith key stakeholders(such as existing hedgerows and habitats as part of the CWS); and implementation of appropriate management measures to meet the BNG commitment which will enable replacement habitat if initial planting is not successful.	<u>Ref 5.4.8.14 operator to p</u> <u>1</u>	<u>repare a detailed</u>	
Chapter 08:ES Chapter 8:Biodiversity.Biodiversity.2- Securing Mitigation	Creation and management of habitats as part of the landscape masterplan results in beneficial impacts associated with more varied and quality habitat when compared to existing.Whilst decommissioning accidental leaks and spills during the draining and cleaning of existing tanks and or works to stop up the existing outfall could result in short term temporary impact to surface water including the river Cam	Design measures providing habitats are within the landscape master within the LERMP. Code of Construction Practice The beneficial impact associated with the landscape masterplan will be delivered during operation through the long-term implementation of LERMPManagement of decommissioning activities as described within the CoCP Part A (Appendix 8.14App2.1 Doc Ref 5.4.8.14)5.4.2.1) in particular section 4.4 which requires that the operator to prepare a detailed management and maintenance plan (secured through requirements in the DCO).the Principal Contractor(s) to produce a W. Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on siteThis plan will be base the LERMP and will be agreed with key stakeholders. The plans will be appended to or incorporated into the CEMP(s). Section 5.7 specifies the content of Pollution Incident Control Plan: • plan will detail procedures to deal with any pollution incider that may occur, including notification procedures including a relevant notification of the Applicant and where applicable I authorities, along with response procedures (including	g be f=the in ater ≤ d on	Section 4.4 (CEMP) Para Landscape, Ecological and Recreational4.4.4., Code of Construction Practice (CoCP) Part A which requires a Water Quality Management Plan (WQMP), Pollution Incident Control Plan (PICP) and Decommissioning Plan (Appendix 8.142.1, App Doc Ref 5.4.8.14) which is secured through a requirement in the draft DCO (App Doc Ref 2.1) 5.4.2.1)	Requirement DCO Schedule Requirement DCO Schedule Requirement 9 include detaile and detailed Pl



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<u>it – 8 CoCP</u> i <u>le 2,</u> it 9 - CEMP to ailed WQMP,				
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<u>it – 8 CoCP</u> i <u>le 2,</u> it 9 - CEMP to ailed WQMP,				
<u>it – 8 CoCP</u> i <u>le 2,</u> it 9 - CEMP to ailed WQMP,				
<u>it – 8 CoCP</u> i <u>le 2,</u> it 9 - CEMP to ailed WQMP,				



ChapterRefMitigationSourceDescription of inlocationSecuring mechanism	impact Mitigation measure Secured by numberPhase Reference documen
	te materials, equipment and resources, timescales and the effects.
plan will co <u>Preparedne</u>	omplement and be consistent with the Emergency ess Plan(s).
Section 7.5 includes reaching ditches and	s measures to minimise run-off and the risk of runoff d watercourses.
Outline Decommiss	sioning Plan
measures within the Doc Ref 5.4.2.3) and Environment Manag	commissioning activities through application of e outline Decommissioning Plan (Appendix 2.3, App d the CoCP Part A, Section 4.4 (Construction gement Plan) which requires that the contractors to
Chapter 08: B-3 ES Chapter 8:	Issioning Plan plans will be appended to or incorpo
Biodiversity (App Doc <u>Ref 5.2.8),</u> Table 5.2 -	CEMP(s). <u>Pollution Incident Control</u> These plans comply with the Decommissioning Management Plan Plan (PICP) and
Securing <u>Mitigation</u>	Section 5.7 specifies the content of Pollution Incident Control Plan which
Whilst decommissioning accidental leaks and Biodiversity Mitigation spills during the draining and cleaning of existing	Decommissioning Plan will detail procedures to deal with any pollution incident that ma (Appendix 2.31, App Doc Ref including notification procedures including as relevant notif
tanks and or works to stop up the existing outfall could result in short term temporary	5.4.2.1) Applicant and where applicable local authorities, along with response
impact to surface water including the river Cam	procedures (including appropriate materials, equipment and resources,
Code of Construction Practice Decommissionin	timescales and to minimise the effects). The plan will complement and be consistent with the
Sections 4.4 (CEMP) Para g 4.4.4.and	Emergency Preparedness Plan(s). These plans will include the requirement to implement best practice measures
5.7 (Pollution	
Management of decommissioning -activities as described within the <u>CoCP</u> <u>Approval and implementation of a Construction Environmental CoCPIncident Control</u> <u>Plan), Code</u>	including:
Part A and B (Appendix 2.1 & 2.2 App-Doc Ref 5.4.2.1, 5.4.2.2) in in Management Plan secured through a requirement of the draft DCO (App-particular section 4.4 which of Construction Practice requires the Principal Contractor(s) to <u>Doc Ref 2.1</u>). produce a Water Quality	measures to minimise run-off and the risk of runoff — Outline SMP (Appendix 6.3, App Doc Ref 5.4.6.3) which are secured through the requirements of the draft DCO (App Doc Ref 2.1)
(CoCP) Part A which Management Plan(s), Pollution Incident	reaching ditches and watercourses
Control Plan, and risk <u>requires a Water Quality</u> assessments before works commence on site. The	measures applied for the management of leaks and spillages such as use of drip trays and provision of spill kits
ecured through a requirement in the draft DCO (App Doc Ref 2.1 <u>Management Plan</u> (WQMP), toThe	requirement for the safe storage and handling of potentially contaminating materials including fuels and oils in accordance with the Control of Pollution (Oil Storage) (England) Regulations 2001 and Dangerous Substances and Explosive Atmospheres
Biodiversity (App Doc Ref 5.2.8), Table 5.2 - draining and cleaning of Socurized Mitigation	Construction Section 4.4 (CEMP) Para DCO Schedule 2 commissioning activities through application of (decommissioning 4.4.4., Code of Construction Requirement – 8 CoCP g of the existing Of the existing Practice (CoCP) Part A which DCO Schedule 2 d the CoCP Part A, Section 4.4 (Construction Construction Practice (CoCP) Part A which DCO Schedule 2



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<u>may occur,</u> utification of the



Chapter Ref locationSecuring mechanism	MitigationSource	Description of impact	Mitigation measure Secured by nur	nberPhase Reference document
requirement for refuelling of machinery (used for decommissioning) to be undertaken within designated areas (unless expressly stated within the		CEMPs) where spillage can be r Management of decommissioning activi measures within the outline Decommiss Ref 5.4.2.3) and the CoCP Part A, Section Management Plan) which requires that Decommissioning Plan (secured through Section 7.5 (Water Resources and Flood 5.4.2.1) which sets out measures to com	ities through application of Sioning Plan (Appendix 2.3, App Doc n 4.4 (Construction Environment the contractors to prepare a n requirements in the DCO), and I Risk) (Appendix 2.1, App Doc Ref trol activities	
related to decommissioning. These requirements will collectively secure deliver appropriate mitigation of the	<u>DCO Schedule 2</u> <u>Requirement – 8 CoCP</u> <u>DCO Schedule 2,</u>	Requirement 9 - CEMP to include detailed PICP, CEMP	to include detailed decommissioning plan	
decommissioning activities.		Chapter 08: Table 5.2 Biodiversity -Securing Mitigation	Whilst decommissioning accidental leaks and spills during the draining and cleaning ofto stop the existing tanksoutfall which could result in short term temporary impact to surface water including the river Cam	Management of decommissioning active within the CoCP Part A and B - (Appendix Ref 5.4.2.1, 5.4.2.2) in particular section the Principal Contractor(s) to produce a Management Plan(s), Pollution Incident risk assessments before works comment will be appended to or incorporated inter plans will include the requirement to im- practice measures including: • measures to minimise re- runoff reaching ditches • measures applied for the leaks and spillages such and provision of spill kit • requirement for the safe of potentially contamined including fuels and oils i Control of Pollution (Oil Regulations 2001 and Dia and Explosive Atmosphe • requirement for refuelling for decommissioning) to designated areas (unlest within the CEMPs) wher easily contained. Management of decommissioning active application of measures within the outli Plan (Appendix 2.5, App Doc Ref 5.4.2.5) Section 4.4 (Construction Environment Management Plan) which- contractors to prepare a Decommission through requirements in the DCO), and Resources and Flood Risk) (Appendix 2.3 which sets out measures to control active decommissioning. These requirements in



ities as described 2.1 & 2.2, App Doc 4.4 which r Water Quality Control Pla , and ce on site. The plans the CEMP(s). These plement beg

In-off and the risk of and watercourses nt of - managem as use of drip trays storage and handling iting materials n accordance with the Storage) (England)

ingerous Substances res Regulations 2002. ng of machinery (used

be undertaken within expressly stated e spillage can be more

ities through ine Decommissioning) and the CoCP Part A,

requires that the

ing Plan (secured Section 7.5 (Water 1, App Doc Ref 5.4.2.1) vities related to will collectively secure

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secured through a requirement of the draft DCO (App Doc Ref 2.1).

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Secured through a requirement in the draft DCO (Plan (Appendix 2.1, App Doc Ref 2.1) to comply with the <u>5.4.2.1)</u>

Decommissioning Management Plan (App Doc Ref 5.4.2.3).

Chapter Ref MitigationSource **Description of impact Mitigation measure** Secured by numberPhase **Reference document** locationSecuring mechanism

activities.

<u>B-5</u>

Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	on fish from operational of the outfall due to scour from higher flow events and from operational	all Management and Monitoring Plan Operation ementation of an outfall management and monitoring plan to de ongoing monitoring measures to identify erosion/scour of the bank. This may trigger the need for remediation including the cation of further physical interventions.	ES Chapter 8 section 2.9DCO Schedule 2Mitigation measuresRequirement 10adopted as part of theMonitoring andProposed DevelopmentManagement Pla(App Doc Ref 5.2.8)must accord withOutline outfall managementoutline Outfall mand monitoring plan (AppDoc Ref 5.4.8.24)	an which <u>n the</u> panagement
ES Chapter 088: Table 5.2 - Securing Whilst decommissioning there is the potential Biodiversity (App Doc Mitigation Ref 5.2.8), Table 5.2 - Securing Mitigation Direct and indirect impact on fish from operational of the outfall due to scour from higher flow events and from operational improvements so that effluent quality is improved Design measures – fish mitigation Design measures to prevent or minimise impacts to fish are:	 inclusion of a non- return valve within the outfall chamber for storm flows to prevent ingress of fish to the chamber for accidental leaks and spills during the draining and cleaning of existing tanks and or works to stopdesign of the outfall to operating within the maximum volume limits which are to be similar to those from 	the existing outfall which could result in short term temporary impact to surface water including the river Cam Operation ES Chapter 2 Project Refuelling of machinery will only be undertaken within designated areas (unless expressly stated within the CEMPs which will be prepared) where spillage can be more easily contained. Description Section 2.12 The Outfall 2 (App Doc Ref 5.2.2) Design Plans – Outfall (App Doc Ref 4.13) Management of decommissioning activities as described within the CoCP Part A and B (AppendixES Chapter 8, Table 2.10, [App Doc Ref 5.4.2.1] in particular section 4.4 which requires the Principal Contractor(s) to produce a Water Quality Management Plan(s), Pollution Incident	Control Plan, and risk assessments before works commence on site. <u>5.2.2</u>) The plans will be appended to or incorporated into the CEMP(s). These plans will include the requirement to implement best practice measures including: • measures to minimise run-off and the risk of runoff reaching ditches and watercourses	DCO Schedul e 2, Require ment 7 - Detaile d d design
B-7 ES Chapter 8: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation indirect impact on fish (water quality) from operational of the outfall due to scour from higher flow events and from operational improvements so that effluent quality is improved	Storm Management Design The management of effluent guality and storm spill impacts through: design of the	treated effluent and greater storm storage than the existing Cambridge WWTP) to achieve no deterioration within the River Cam design of the proposed WWTP that allows for future process changes to accommodate future emission limit changes design of storm storage volumes and flow rates to meet regulatory requirements; inclusion of capacity within the proposed development to adapt to future changes in relation to storm storage provision Operation ES Chapter 8, Table 2.10 DCO Schedule 2,	4 4 4 4 2	F a Construction Environmental Management Plan secured through a requirement of the draft DCO (App Doc Ref 2.1).5.2.28)



deliver appropriate mitigation of the decommissioning

ChapterRef locationSecuring mechanism	MitigationSource	Description of impact	Mitigation measure	ecured by numberPhase Reference document
	f	r	in the	App Doc Ref 2.1) to comply with the Decomm
	<u>R</u>	e	draft DCO	Management Plan4.13 Design
	e	m	(<u>7 -</u>	Plans - Outfall
	q	e	Detailed	
	u	n	design	
	i	t		
B-9 ES Chapter 8:				
	В	iodiversity (Ann Doc		

<u>Biodiversity</u> (App Doc Ref 5.4.2.3). <u>5.2.8)</u> , Table 5.2 -

Securing Mitigation





nmissioning





Chapter	<u>Ref</u>	MitigationSource	Description of im	pact	Mitigation measure measures applied for the management of leaks and	Secured by numberPhase	Reference document	
ocation <u>Sect</u>	<u>uring mechanism</u>	wiitigationsource Description of in		 measures applied for the management of leaks and spillages such as use of drip trays and provision of spill kits requirement for the safe storage and handling of potentic contaminating materials including fuels and oils in accordance with the Control of Pollution (Oil Storage) (England) Regulations 2001 and Dangerous Substances ar Explosive Atmospheres Regulations 2002. requirement for refuelling of machinery (used for decommissioning) to be undertaken within designated areas (unless expressly stated within the CEMPs) where spillage can be more easily contained. Management of decommissioning activities through application of measures within the outline Decommissioning Plan (Appendix 2.5, App 				
				Doc Ref 5.4.2. Environment prepare a Dec DCO), and Sec App Doc Ref 5 related to dec	5) and the CoCP Part A, Section 4.4 (Construction Management Plan) which requires that the contractors to commissioning Plan (secured through requirements in the ction 7.5 (Water Resources and Flood Risk) (Appendix 2.1, i.4.2.1) which sets out measures to control activities commissioning. These requirements will collectively secure priate mitigation of the decommissioning activities.			
Biodiversity Mitigation € ⊭		operational of the outfall d higher flow events and fror	Direct and indirect impact on fish from operational of the outfall due to scour from higher flow events and from operational improvements so that effluent quality is		res to prevent or minimise impacts to fish are: on of a non-return valve within the outfall chamber for flows to prevent ingress of fish to the chamber of the outfall to operating within the maximum volume which are to be similar to those from the existing outfall nent of effluent quality and storm spill impacts through: of the process technology and storage so that operation of within emission limits (stricter consented limits for treated n and greater storm storage than the existing Cambridge 2) to achieve no deterioration within the River Cam of the proposed WWTP that allows for future process es to accommodate future emission limit changes - of storm storage volumes and flow rates to meet tory requirements; on of capacity within the proposed development to adapt are changes in relation to storm storage provision	Secured through a requirement in the draft DCO (Appendix 2.1, App Dc Ref 2.1) to prepare and implement an Outfall Management and Monito Plan. Secured through a requirement in the draft DCO (App Doc Ref 2.1) to comply with the Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5). Approved design secured through Environmental Permit (Floo Risk Activities)		
<u>B-8</u>	Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	Direct and indirect impacts on badgers due to direct interface with habitat (including closure of outlier sett) and the combination of noise, use of temporary lighting, land clearance, excavation and presence of people in close proximity to setts	through application Natural England lice included Appendix & following: provision o ecologist; completion checking of	mpacts related of the mitigatic ence conditions 3.21, App Doc R of a tool-box tall of pre-works c f works areas (p dger / trapped a	to works to affecting badger will be on measures in line with agreed will be carried out (Draft Licence ef 5.4.8.21) which requires the k by the suitably experienced hecks: hecks: hipe storage locations, excavations) for animals; securing of areas to prevent	<u>Draft Natural England</u> <u>Mitigation Licence (App Doc</u> <u>Ref 5.4.8.21)</u>	DCO Schedule 2 Requirement – 8 CoCP Natural England Mitigation Licence	

Doc toring

od



checking of works

locations, excavations) for signs of badger / trapped animals

areas (pipe storage

securing of areas to prevent access by badger-Code of Construction Practice

In addition to licence requirement the management of construction activities as described within the CoCP Part A and B (Appendix 2.1m App Doc Ref 5.4.2.1) in section 4.4 which requires the Principal Contractor(s) to produce a CEMP setting out measures for the prevention of impacts including to ecological features. The CEMP will include requirements to apply best practice measures (including to locations not covered by the licence) during construction to prevent impacts to badger including:

completion of pre-works checks (including areas not covered by licence);









Chapter 08: Biodiversity	Table 5.2 – Securing Mitigation	Direct and indirect impacts on bats (lighting and habitat related) due to the combination of temporary construction noise, use of temporary lighting, land clearance and presence of people in close proximity	 Direct and indirect impacts related to works to affecting bat habitat will be through application of the mitigation measures in line with agreed Natural England licence conditions (Draft Licence included Appendix 8:20, App Doc Ref 5:4:8:20) which requires the following: the use of wildlife sensitive lighting design as outlined in the draft Licence (Appendix 8:20, App Doc Ref 5:4:8:20) such as <2700K, directional only with no upward orientation or light spill); and minimising severance of hedgerows and use of translocation of hedgerows to provide commuting habitat and foraging opportunities Management of construction impacts to terrestrial habitats that may affect bat population will be through further measures as described within the CoCP Part A and B (Appendix 2:1: & 2:2, App Doc Ref 5: 4:2:1 & 5: 4:2:2). These will be set out in the CEMP related to the specific works activity: Any planting as part of the Proposed Development which dies or becomes seriously damaged or diseased within five years after completion of construction will be replaced in the first available planting season with stock of the same species and size as that originally planted unless otherwise agreed with the Local Planning Authority. In locations of retained hedgerow there shall be consideration of additional "thickening" to promote habitat connectivity for bats, in particular making use of existing hedgerow removed during construction. Any works to hedgerow would be under the supervision of a suitably experienced ecologist 	 Natural England Mitigation Licence Section 7.2, CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4 5.4.2.2) secured through a requirement of the draft DCO (App Doc Ref 2.1) englands and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO Doc Ref 2.1). Secured through a requirement in the draft DCO (App Doc Ref 2.1) t comply with the Decommissioning Management Plan (Appendix 2.3, Doc Ref 5.4.2.3). Secured through a requirement in the draft DCO (App Doc Ref 2.1) t comply with the Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5). Landscape, Ecological and Recreational Management Plan (Appendix App Doc Ref 5.4.8.14) which is secured through a requirement in the DCO (App Doc Ref 2.1).
			Enhancement roost feature installation by mounting woodcrete type bat boxes suitable for a range of bat species to use, upon appropriate	
onstruction	draft DCO Lighting Design Strategy (Appendix 2.5, App Doc Re	Conservation) Code of (Appendix 2.1, App Doc Ref 5.4.2.1) secured throu		

1.2.1 & Ref 2.1)

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Chapter_ locationS	Ref ecuring mechanism	MitigationSource	Description of impact	Mitigation measure	Secured by numberPhase	Reference document	
<u>B-10</u>	ES Chapter 8: Biodiversity (App Doc Ref 5.2.8) , Table 5.2 - Securing Mitigation	indirect impacts on badgers due to direct interface with habitat (including closure of outlier sett) and the combination of noise, use of temporary lighting, land clearance, excavation and presence of people in close proximity to setts	Approval ar Lighting Strategy Management of lighting through the Lighting Design Strategy (Append 2.5, App Doc Ref 5.4.2.5)] and the CoCP Part A, Section 5.9 (Lighting) (Appendix 2.1, App Doc Ref 5.4.2.1) which requires that the contractor incorporate a strategy for temporary lighting into the CEMP(s) (secure through requirements in the DCO), which will collectively secure deliver appropriate mitigation of light during construction. This strategy incluse requirements for the use of wildlife sensitive lighting (<2700K, direction only with no upward orientation or light spill)-	Construction ix rs d er des	Sections 4.4 (CEMP) Para 4.4.4., 5.9, (Lighting), and 7.2, (Ecology and Nature Conservation) Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5)	gement Plan secured through a DCO Schedule 2 Requirement 14 – Construction lighting	he quirema the draft (App Doc Natural El Mitigation
(roost: <u>DCO S</u> <u>Requir</u> <u>DCO S</u>	Direct and indirect impacts		Measures in Draft Licence (Bats) Direct and indirect impacts related to works to affecting bat habitat wide through application of the mitigation measures in line with agreed Natural England licence which requires the following: • the use of wildlife sensitive lighting design as outlined in the draft Licence (Appendix 8.20, App Doc Ref 5.4.8.20 such as	<u>Construction</u>	Draft Natural England Mitigation Licence (App Doc Ref 5.4.8.20)	DCO Schedule 2 Requirement – 8 CoCP DCO Schedule 2 Requirement 9- CEMP	

ment of ft DCO oc Ref 2.1).

l England ion Licence

Chapter____

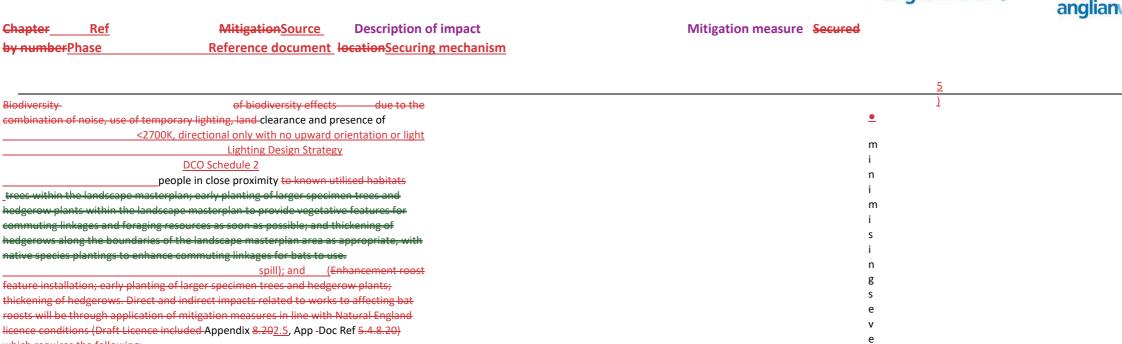
Biodiversity

by numberPhase

Ref

which requires the following;





- provision of a tool-box talk by the licenced bat ecologist;
- completion of pre-works checks for works areas prior to the start of the works;

DCO Schedule 2

- timing the works at identified roost locations to be outside of the hibernation period (where hibernation suitability has been discerned);
- installation of suitable bat boxes for use by crevice dwelling species on appropriate retained trees prior to disturbing works commencing, to facilitate continued opportunities for bats to roost;
- use of wildlife sensitive lighting design as outlined in the Natural England licence: and

Requirement 14 –

<u>5</u> 4

- Mitigation measures in line with agreed Natural England licence Section 7.2, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) secured Table 5.2 - Securine Direct and indirect impacts on bats (roosts) Chanter 08. conditions will be carried out (Draft Licence included Appendix 8.22, through a requirement of the draft DCO (App Doc Ref 2.1) due to the combination of noise use of App Doc Ref 5.4.8.22): temporary lighting, land clearance and Landscape, Ecological and Recreational Management Plan (Appendix 8.14, presence of people in close proximity to Provision of a tool box talk by the licenced bat ecologist; App Doc Ref 5.4.8.14) which is secured through a requirement in the draft utilised habitats Completion of pre-works checks for works areas prior to the DCO (App Doc Ref 2.1) start of the works: -Timing the works at identified roost locations to be outside of Natural England Mitigation Licence the hibernation period (where hibernation suitability has been discerned); and Installation of suitable bat boxes for use by crevice dwelling species on appropriate retained trees prior to disturbing works commencing, to facilitate continued opportunities for bats to roost. 4 0
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hapter <u>Ref</u>	MitigationSource Description of impact	Mitigation measure Secured		
y number Phase	Reference document locationSecuring mechanism			
	C	<u>B-12</u>	ES Chapter 8:	Direct and indirect impact
	<u>C</u>		Biodiversity (App Doc	on bats (lighting and habit
	<u>0</u>		Ref 5.2.8) , Table 5.2 -	related) due to the
	<u>n</u>		Securing Mitigation	combination of temporary
	<u>></u> +			construction noise, use of
	<u> </u>			temporary lighting, land
	<u>_</u>			clearance and presence of
	<u> </u>			people in close proximity
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	0	<u>B-13</u>	ES Chapter 8:	Direct and indirect impac
	W	<u>6-13</u> e	Biodiversity (App Doc	on bats (lighting and habi
	S	S	<u>Ref 5.2.8)</u> , Table 5.2 -	related) due to the
	t	÷	Securing Mitigation	combination of temporar
	0		<u>Securing Witigation</u>	construction noise, use o
	р			temporary lighting, land
	r			clearance and presence o
	0			people in close proximity
	V			known utilised habitats
	d			Known atmised habitatis
	ů		· ·	
	e	<u>B-14</u>	ES Chapter 088:	Direct and indirect impac
	0		Biodiversity (App Doc	on bats (roosts) due to th
	m		Ref 5.2.8), Table 5.2 -	combination of noise, use
	m		Securing Mitigation	temporary lighting, land
	u			clearance and presence o
	t			people in close proximity
	i			known utilised habitats
	'n			
	ę			
	b h		P Part A (Appendix 2.1, App	
	а	through a requi	rement of the draft DCO (Aբ	p Doc Ref 2.1)
	b			
		Landscape, Ecol	ogical and Recreational Mar	nagement Plan (Appendix 8.1



irect impacts	Code of Construction Practice
ng and habital <u>o the</u> of temporary	Management of construction impacts to terrestrial habitats th affect bat population will be through further measures as desc within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref
noise, use of hting, land presence of e proximity	 <u>&5.4.2.</u> 2). These will be set out in the CEMP related to the specactivity: <u>Any planting as part of the Proposed Development where becomes seriously damaged or diseased within five years completion of construction will be replaced in the first planting season with stock of the same species and size originally planted unless otherwise agreed with the Log Planning Authority.</u>
	 In locations of retained hedgerow there shall be consi additional "thickening" to promote habitat connectivi in particular making use of existing hedgerow remove construction. Any works to hedgerow would be under supervision of a suitably experienced ecologist
	Management of lighting through the Lighting Design Strategy (2.5, App Doc Ref 5.4.2.5) and the CoCP Part A, Section 5.9 (Ligh (Appendix 2.1 App Doc Ref 5.4.2.1) which requires that the cor incorporate a strategy for temporary lighting into the CEMP(s) through requirements in the DCO), which will collectively secu appropriate mitigation of light during construction. This strategy requirements for the use of wildlife sensitive lighting (<2700K, only with no upward orientation or light spill).
irrect impacts ng and habitat of temporary noise, use of hting, land presence of e proximity to d habitats	LERMP – habitats Enhancement roost feature installation by mounting woodcrett boxes suitable for a range of bat species to use, upon appropri within the landscape masterplan; early planting of larger speci and hedgerow plants within the landscape masterplan to prov vegetative features for commuting linkages and foraging resou soon as possible; and thickening of hedgerows along the bound the landscape masterplan area as appropriate, with native spe plantings to enhance commuting linkages for bats to use.
irect impacts s) due to the of noise, use o nting, land presence of e proximity to d habitats	 Mitigation Mmeasures within the draft licence Provision of a tool-box talk by the licenced bat ecolog Completion of pre-works checks for works areas prior of the works; Timing the works at identified roost locations to be out the hibernation period (where hibernation suitability discerned); and
- secured	



Mitigation measure Secured

Chapter Ref MitigationSource **Description of impact** by numberPhase Reference document locationSecuring mechanism

App Doc Ref 5.4.8.14) which is secured through a requirement in the draft DCO (App Doc Ref 2.1)





Cambridge Waste Water Treatment Plant Relocation Project

Mitigation Tracker

Chapter Mitigation Description of impact Mitigation measure Secured by number location

		species on app	suitable bat boxes for use by crevice dwelling propriate retained trees prior to disturbing works to facilitate continued opportunities for bats to	
	apter 08<u>8</u>: Table 5.2 - S versity (App Doc on		Code of Construction Practice	(Appendix 2.1, App Doc Ref 5.4.2.1) secured
Diour	on the second seco	5	practice measures in section 7.2 to operate in compliance with the	5.4.2.1) Secured
	. <u>2.8), Table 5.2 -</u> versity<u>Securing</u> -Mitigation	1981 Act:		DCO Schedule 2 through a- <u>R</u> requirement of the draft DCO (App Doc Ref 2.1) — 8 CoCP
	≜ pre v	vorks check by suitably experienced ecologist;		-Requirement 9- CEMP
	<u>▲●</u> avoid	lance of nesting bird season as appropriate to sp	pecies found; and	
istruction	Section 4.4 (CEMP) Para 4.4.4., and 7.2 (Ecology and Nature Conservation) in Code of Construction Section 7.2, Practice (CoCP	<u>7</u>	nce activities completed in accordance with approved methods	
Chapter 08: Biodiversity	Table 5.2 Securing Mitigation	Direct and indirect impacts on breeding birds (proposed WWTP access road and landscape masterplan area)	Management of construction activities as described within the CoC Part A and B (Appendix 2.1, App Doc Ref 5.4.2.1) in particular section 4.4 which requires the Principal Contractor(s) to produce a CEMP will include setting out measures for the prevention of impacts to la including best practice measures applied during construction to:	en through a requirement of the draft DCO (App Doc Ref 2.1) which birds Requirement to prepare Wildlife Hazard Management Plan in with the Wildlife Hazard Management Plan which is secured requirement in the draft DCO (Appendix 8.18, App Doc Ref 5 App Doc Ref
			Management of construction activities as described within the CoCl Part A (Appendix 2.1, App Doc Ref 5.4.2.1) in particular section 4.4 which requires the Principal Contractor(s) to produce Birdstrike Har Management Plan before works commence on site. The plan will be appended to or incorporated into the CEMP(s). It will incorporate measures that	zərd ∋
			 assemblages measures to prevent increase risk of attracting spective birdstrike concern 	
			Design measures to include trees and woodland, scrub, grassland a seasonal ponds within the land required for the landscape masterp contained with the LERMP (Appendix 8.14, App Doc Ref 5.4.8.14) t provide suitable habitat for a variety of bird species. Grassland see mixes will incorporate grass and forb species to support a range of birds, including turtle doves. A range of bird nest boxes will be inst on suitable retained trees.	App Doc Ref 5.4.8.14) which is secured through a requirement o DCO (App Doc Ref 2.1) d
Chapter 08: Biodiversity	Table 5.2 – Securing Mitigation	Direct and indirect impacts on ditch macrophytes	Management of construction activities as described within the CoCl Part A (Appendix 2.1, App Doc Ref 5.4.2.1) to minimise impacts to w and land, in particular:	

ery drop	1		
.2.1) secured			
.1) 'lan in accordance ured through a Ref 5.4.8.18)			
an (Appendix 8.14, ement in the draft			
.2.1) secured .1)		31	
imental			



Chapter Ref MitigationSourceDescription of impact numberPhase Reference document locationSecuring mechanism

Mitigation measure Secured by

<u>B-16</u>	ES Chapter 088: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	Direct and indirect impacts on breeding birds (proposed WWTP access road and landscape masterplan area)	 Code of Construction Practice Management of construction activities as described within the CoCP Part A and B (Appendix 2.1, App Doc Ref 5.4.2.1) in particular section 4.4 which requires the Principal Contractor(s) to produce a CEMP which will include setting out measures for the prevention of impacts to birds including best practice measures in section 7.2 applied during construction to: complete pre works check by suitably experienced ecologist: avoid the nesting bird season as appropriate to any species foundy and complete clearance activities completed in accordance with approved methods Management of construction activities as described within the CoCP Part A (-Appendix 2.1, App Doc Ref 5.4.2.1) in particular section 4.4 which requires the Principal Contractor(s) to produce Birdstrike Hazard Management Plan before works commence on site. The plan will be appended to or incorporated into the CEMP(s). It will incorporate measures that set out the required monitoring for changes to bird assemblages measures to prevent increased risk of attracting species of 	Construction	DCO (App-Doc Ref 2.1 Section 4.4 (CEMP) Para 4.4.4., 5.15 (Cambridge Airport), and 7.2 (Ecology and Nature Conservation) in Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Outline Wildlife Hazard Management Plan (Appendix 8.18, App Doc Ref 5.4.8.18)	DCO Schedule 2 Requirement – 8 CoCP Requirement 9- CEMP to include a detailed wildlife hazard management plan which must accord with the measures set out in the wildlife hazard management plan
B-17	ES Chapter 8:	Direct and indirect impacts	birdstrike concern. Landscape Masterplan	Construction and		
	re 3.9 and Figure 3.10	DCO Schedule 2		construction drid		
	Biodiversity (App Doc	on breeding birds (proposed		Operation Landsc	ape,	
Ecological a	nd <u>Requirement 11 -LERMI</u>					
-			Design measures include:			
	Ref 5.2.8), Table 5.2 -	WWTP access road and	Recreational Ma	nagement Plan (Appe	ndix	
	Securing Mitigation	hich is secured through a require	landscape masterplan area) trees and woodland, scrub, grassland and seasonal ponds within Plan (LERMP) (Appendix the land required for the landscape masterplan contained with 8.14, ement in the draft_the LERMP to provide suitable habitat for a variety of bird			
			 species. grassland seed mixes will incorporate grass and forb species support a range of birds, including turtle doves. a range of bird nest boxes will be installed on suitable retained 	_		





Description of impact Chapter Ref MitigationSource

Mitigation measure Secured by numberPhase

document locationSecuring mechanism

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Let 2. 201. Table 5.1- Sciencing Mitigation 12. Cleases, and Nature Particular Science Particular Partin Particular Partin Parinteres Particular Particular Particular Pa		Biodiversity (App Doc	on ditch macrophytes	CoC Struction Practice		4.4.4., 5.13 (River works),	throughDCO Sch
sector works or merce on size the provide the CAMP(s). These will incorporate before works or merce on size the part will be incore or incorporated into the CAMP(s). These will incorporate if the CAMP (s). These will incorporate (s). If the CAMP (s). These will incorporate (s). If the CAMP (s). These (s). If the comparise (s). If the CAMP (s). These (s). If the comparise (s). If the c		<u>Ref 5.2.8), Table 5.2 -</u>					<u>R</u> equirement of
before works commence on site. The plane will here code of Construction Practice a white CoCA is particular a white CoCA is partis white t		Securing Mitigation					<u>-</u> DCO (App Doc R
Image: Intercent of the CMP(s). These will incorporate CoopP jant A Image: Intercent of the CMP(s). These will incorporate CoopP jant A Image: Intercent of the CMP(s). These will incorporate S.4.2.11 Image: Intercent of the CMP(s). These will incorporate S.4.2.11 Image: Intercent of the CMP(s). These will incorporate S.4.2.11 Image: Intercent of the CMP(s). The CM							<u>CoCP</u>
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s.4.2.11 Approval and implementative is of general measures to be put in place to avoid and implementative best practice measures papiled for management of leaks and spillaget to prevent runoff reaching controlled waters limiting works to within 8 nof any watercourse or waterbody (other than for main any watercourse or waterbody (other than for metal waters limiting) works to within 8 nof any watercourse or waterbody (other than for metal waters limiting) works to within 8 nof any watercourse or waterbody (other than for metal water course or waterbody (other than for metal waters). Greater buffer distances may be constructed waters limiting works to within 8 nof any watercourse or waterbody (other than for metal than the second of protected species; identification of watercourses and land daris before construction works in that area commence and construction works in that area construct is a sound construction works in that area than 50 meters from a borehole of 10 metres from a watercourse or surface water drain. They wash out. Concrete wash out skips if required in site will be lined and coated at least than 50 meters from a borehole of 10 metres from a watercourse or surface water drain. They wash out axerd drainage around any batching plant for wash drainage around any batching plant will be doed the wash out wash out axerd drainage around any batching plants will be concrete water drain. They wash out area to a least will working areas will be lined and they the site drainage around any batching plants will be concrete. Whether area to least on outperforms. The ph of the wash out water will also be drainage around any batc							
Let.11 implementatio tion 7.5. (Water Resources and Flood Risk) which requires a indicate impacts to surde ave ave including but no tilted to: default 1000 best practice measures to be put in place to avoid and through a requ default 1000 best practice measures applied for management of leaks and apillapes to partner number fracking controlled waters limiting works to without 100 more any watercourse or water including but no tilted to: any watercourse or water hout 100 more required for the protection of protected species: construction works). Great appendix of species construction works in that area commence and construction works in that area commence and condition and free of potentially content bories condition and free of potentially contents from a be ined and bories from a watercourse or surface water advised free or construction works). Great and construction works or water a to avait the in a sound construction works in that area commence and co				= I the CoCP in particular			Approval and
tion 7.5. (Water Resources and Fload Nisk) which requires a Monagement - is of general measures to be put in place to avoid and the used and the set of t				:		<u>5.4.2.1)</u>	
 ies of general measures to be put in place to avoid and through a measures applied for avoid and through a measures applied for avoid and best practice measures applied for amagement of leaks and spillages to prevent runoff reaching controlled waters limiting works to within 8 m of controlled waters limiting works to within 8 m of COO Schedule any waterourse or waterobdy (other than for Regurement 1 mitigation works, i creater buffer distances may be controlled wateroburg on wateroburg on the protection of protected species; Flead Fish water regulard, whetek for signs of sit. checking of excavation plant prior to set a top on cut wateroarce crossings, inspir of sit. checking of excavation plant prior to set a top on cut wateroarce crossing to ensure it is in a sound controlled water to inspir sit. controlled water to inspir sit. controlled water to inspir sit. diversite site of a sound controlled water to inspir site will return to their supplier or batching buffer water controlled water top inspir site will return to their supplier or batching buffer water autor to their supplier or batching buffer water autor top in a site of a sound consci containment and leady marked to avoid controlled water drain. They will be planted on hard site and and content at least than 50 meters from a be reheard on any water our areas autor and and a site batching areas will be inspected weeks? manter a least than 50 meters from a controlled water exprese from a vateroarea controlled water area in leaks to avoid controlled. where required adequa				tion 7.5. (Water Resources and Flood Risk) which requires a			
 nimise impacts to surface water applied for management of leaks and splilages to prevent notificating controlled waters limiting works to within & nof any watercourse or waterbody (lother than for any watercourse or waterbody (lother than for any watercourse or waterbody (lother than for mitigaton works). Greater buffer distances may be required for the protection of protected species; construction works in that area commence and construction works in that area commence and activities carring construction works in that area commence and construction plant price visits of suit detecting is to ensure it is an sound construction plant price visits of suitability concrete works detecting is to ensure it is an sound construction and there stypic plant of wash out. Concrete wash to show it frequired on site will be lined and located at least that So metres from a borehoole or 10 metres from a watercourses visits within the working areas will be inspected way have that awaid construction any wash out areas within the working areas will be inspected way way that and will abe				 ies of general measures to be put in place to avoid and 			
best practice measures applied to management of leaks and spillages to prevent runoff reaching Requirement 3 controlled waters limiting works to within 8 m of any watercourse crossing, drainage/coolgical mitigation works). Greater buffer distances may be frequired for the protection of protected species; lidentification of watercourses and land drains before required for the protection of protected species; lidentification of watercourses and land drains before construction works in that area commence and avercourse crossings to ensure to its in a sound condition and free of potentially contaminating materials; where possible, concrete lorifes will return to their supplier or batching plant for use to checking of exacutation plant prior to use at open cut watercourse crossings to ensure to its in a sound condition and free of potentially contaminating materials; where possible, concrete lorifes will be line and located at least than 90 meters from a borehole or 10 meters from a vatercourse or surface water drain. They will be placed on hardstanding or on the ground with plastic and membrane containment and cleasily marked to avoid membrane containment and cleasily marked to avoid concrete mikes in watercourses; surface water drainage row on water water drain. They will be placed on hardstanding or on the ground with plastic and membrane containment and cleasily marked to avoid membrane containment and cleasily marked to avoid concrete mikes in watercourses; surface water drainage around any bothing plants will be concrete mikes in watercourses; surface water drainage around any bothing plants will be controlled. where required adequate dewatering will be undertaken during escavation activities or construction of buttake features and foundations lise the section on Dewatering below). Construction techniques may also be reviewed to determine whether an alternitie approach is more				nimise impacts to surface water including but not limited to:			
 controlled waters limiting work to within 8 m of pCO Schedule watercourse crossings, dranaps(eclogical migiation works). Greater buffer distances may be required for the protection of protected species; identification of watercourses and land drans before required for the protection of protected species; identification of watercourse and land drans before required for the protection of sit. Band Plate, and regulard / obced for signs of sit. Band Plate, and regulard / obced for signs of sit. Band Plate, and additions and concising to ensure it is in a sound condition and free of potentially containating materials; where possible, concrete formis will return to their supplier or baching plate for wash out. Concrete wash out skips i frequired on site will be lined and located at least than 50 meats form a borehole or 10 metres from a vatercourse or surface water draity market to avoid cross contamination. Any wash out areas within the working areas will be inspected weekly by the Site. Construction work where needed the used on hardstratuding or on the ground with plastic and methorase containation. Any wash out areas within the working areas will be inspected weekly by the Site. Construction work will also be constroled. working areas will be inspected weekly by the Site. constroled. working areas will be inspected weekly by the Site. construction of the wash out water site site and foundations (see the section on Dewatering below). Construction techniques may also be reviewed to determine where required adequate dewatering will				best practice measures applied for management of			
any watercourse or waterbody (other than for the second se							Requirement 9-
and watercourse cossings, drainage/ecological Resultement.1 watercourse cossings, drainage/ecological Research watercourse cossings, drainage/ecological Research equired for the protection of protected species; identification of watercourses and land drains before construction works in that area commence and construction and free of potentially contaminating materials; where possible, concrete lorries will return to their supplier or baching plant for wash cont. Concrete wash out ships if required on site will be lined and located at least than 50 metres from a waterourse course or surface water drain. They will be placed on hardstanding or on the ground with plastic and membrane containment and clearly marked to avoid cross contamination. Any wash out areas within the working areas will be inspected weekly by the Site Manager to ensure there are loaks or overflows. The pl of the wash out water will also be controlled. where required adequate dewatering will be undertaken during execution activities or construction of subsurface features and foundations (see the section on Dewatering below). Construction techniques may also be reviewed to determine whether an all served there and foundations (see the section on Dewatering below). Construction techniques may also be reviewed to merviewed to				-			DCO Schedule 2
wilderburse crossings and analoge rougedual Conditions set mitigation works in the distances may be Conditions set required for the protected species; Flood files set identification of watercourses and land drains before required for the protected species; construction works in that area commence and activities carrie regularly force crossings to ensure it is in a sound 8m of a main r watercourse crossings to ensure it is in a sound condition and free of potentially contaminating materials; where possible, concrete lorries will return to their supplier or batching plan for wash out. Concrete wash out skips if required on site will be lined and located at least than 50 meters from a be lined and located at least mas 50 meters from a borehole or 10 meters from a waterourse or surface water drain. They will belaed on hardgerdup warked to avoid cross contamination. Any wash out areas within the working areas will be inspected weekly by the Site Manager to ensure there are no loaks or overflows. The pl of the wash out water will also be monitored; where needed the use of suitable construction of suburface features and foundations (see the section on bewetering below). Construction tend that wee are on loaks or overflows. The pl of the wash out watere will be							
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				techniques may also be reviewed to determine			
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<u>9- CEMP</u>

<u>e 2</u> 10 – OMMP

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Chapter Ref	MitigationSource	Description of impact	Mitigation measure	Secured by numberPhase	Refe
document locationSecuring r	<u>mechanism</u>				
		works, the channel will be cleared of			
		debris/materials, the natural bed reinstated.			
		Management of silt during construction includin	g		
		meeting requirements of regulatory position			
		statement (RPS) completion of works affecting			
		watercourses and flood defences in accordance	with		
		the requirements of the relevant regulatory aut	hority		
		(Lead Local Flood			
		Authority/Environment Agency/Internal Drainag	; e		
		Board).			



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Chapter Ref

MitigationSource

Description of impact

Mitigation measure Secured by numberPhase Reference document

locationSecuring mechanism

leaving bank and any aquatic vegetation in place for as long as

practicable Sections 4.4 (CEMP) Para ES Chapter 8: Direct and indirect impacts <u>B-20</u> Construction **istruction** Practice Biodiversity (App Doc 4.4.4., 5.13 (River work), on fish due to the Ref 5.2.8), Table 5.2 combination of noise, the use 7.2, (Ecology and Nature actice measures applied during construction are: Securing Mitigation Conservation), 7.5 (Water of temporary lighting and :tion 7.2, Ecology and nature conservation, in respect works directly within and ES Chapter 8: liparian and Aquatic Habitats specifically: and 7.7 (Noise and adjacent to the river and the Biodiversity (App Doc leaving bank and any aquatic vegetation in place vibration) in Code of potential shortterm change in Ref 5.2.8), Table 5.2 -**Construction Practice** for as long as practicable removing the channel water quality from Securing Mitigation Ri bed material prior to the excavation of the trench, dewatering, run-off and from storing the material -separately material separately App Doc Ref 5.4.2.1) testing and commissioning and replacing it once construction works are CoCP Part B Section 3.3 activities complete to promote rapid colonisation of the area by aquatic invertebrates and aquatic plants 5.4.2.2) maintaining the flow downstream of the crossing

point where possible completing works between August and October and/ or during low flow conditions to protect potential fish spawning or nursery sites

CP Part A, Section 7.5, Surface water and flood risk which <u>_</u> includes a number of measures to be reflected within the co nstruction Water Quality Management Plan (WQMP) ap pended to/as part of the CEMP, including requirements to:

<u>Co</u> <u>minimise the risk of runoff reaching controlled</u> inc waters (ditches and watercourses) to prevent <u>co</u> pollution incidences; and

- ap ____manage dewatering to meet requirements of the
- <u>Environment Agency regulatory position statement</u> (RPS) 'Temporary dewatering from excavations to surface water' or Environmental Permit - whichever
- applies to the activity. Including treating dewatering

DCO Schedule 2 **Requirement 9- CEMP** resources and flood risk), DCO Schedule 2 Requirement 10 – OMMP (CoCP) Part A (Appendix 2.1, (Appendix 2.1, App Doc Ref Lighting Design Strategy

DCO Schedule 2

Requirement – 8 CoCP

(Appendix 2.5, App Doc Ref <u>5.4.2.5).</u> Commissioning Plan (Appendix 2.4, App Doc Ref

5.4.2.4).

maintaining the flow downstream of the crossing point

where possible completing works between August and

October and/ or during low flow conditions to protect potential fish spawning or nursery sites (App Doc Ref 5.2.28)

CP-Part A. Section 7.5. Surface water and flood risk which includes a number of measures to be reflecte Plan (WQMP) appended to/as part of the CEMP_includ nise the risk of runoff reaching controlled waters

(ditches and watercourses) to prevent pollution incide and

manage dewatering to meet requirements of the

ent Agency regulatory position statem nt (RPS) 'Temporary dewatering from e whichever applies to the activity. Including treating dewatering effluent prior to discharge and control of dewatering discharges to pre CoCP Part A, Section 7.7, Noise and vibration which requires the application of best practicable measures (BPM) as defined by the Control of Pollution Act 1974 (CoPA) and the Environmental Protection Act 1990 (EPA) for the control of noise. These measures are to be reflected within the Noise and Vibration



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		Management Plan (NVMP) appended	to/as part of the CEMP.	
aapter 08: odiversity	Table 5.1 Summary of biodiversity effects	Direct and indirect impacts on fish due to the combination of noise, the use of temporary lighting and works directly within and adjace to the river and the potential short-term change in water quality from dewatering, rur	described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 which requires the Principal Contractor(s) to produce a CEMP which will include setting out	Section 7.2, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) secur through a requirement of the draft DCO (App Doc Ref 2.1) Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DC
O Schedule 2,	Requirement 7 - Detailed		- measures for the prevention of impacts to ecological reatares, surface	munagement i fan securea unough a requirement of the draft be
		CoCP Part A application of Pollution (EPA) for the	discharges to prevent scour -Section 7.7, Noise and vibration which requires the of best practicable measures (BPM) as defined by the Control Act 1974 (CoPA) and the Environmental Protection Act 1990 control of noise. These measures are to be reflected within d Vibration Management Plan (NVMP) appended to/as part	
temporary I potential sh testing and	ighting and works directly ort-term change in water of commissioning activities Li			
<u>requires tha</u> <u>the CEMP(s</u> light during the draft D(<u>t the contractors incorpora</u>), which will collectively sec construction. through a Th CO (App Doc Ref 2.1)	I, App Doc Ref 5.4.2.1) secured ate a strategy for temporary lighting into cure deliver appropriate mitigation of <u>is strategy includes</u> requirement <u>s offor</u> DK, directional only with no upward		
orientation	<u>or light spill).</u> d implementation of a Cor	nstruction Environmental Management If the draft DCO (App Doc Ref 2.1).		
Plan secure	d implementation of an Ou ent of the draft DCO (App E	utfall Management Plan secured through Doc Ref 2.1).		



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Chapter Ref locationSecuring mechanism MitigationSource

Description of impact

Mitigation measure Secured by numberPhase Reference document

off and from testing and commissioning		, and impacts from the generation of noise. The best practice	Doc Ref 2.1).
activities		ares applied during construction in relation to fish are:	
	•	CoCP Part A, Section 7.2, Ecology and nature conservation, in respect Riparian and Aquatic Habitats specifically:	Approval and implementation of an Outfall Management Plan secure through a requirement of the draft DCO (App Doc Ref 2.1).
		 - leaving bank and any aquatic vegetation in place for as long as practicable 	Conditions set out within a Flood Risk activity permit required for
		 removing the channel bed material prior to the excavation of the trench, storing the material separately 	construction activities carried out within 8m of a main river.
		material separately and replacing it once construction works are complete to promote rapid colonisation of the area by aquatic invertebrates and aquatic plants	Secured through a requirement in the draft DCO (App Doc Ref 2.1) to comply with the Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5).
		maintaining the flow downstream of the crossing point	5.7.2.5).
		- where possible completing works between August and October and/ or during low flow conditions to protect potential fish spawning or nursery sites	Secured through a requirement in the draft DCO (App Doc Ref 2.1) to comply with the Commissioning Plan (Appendix 2.4, App Doc Ref 5.4
		CoCP Part A, Section 7.5, Surface water and flood risk which includes a number of measures to be reflected within the construction Water Quality Management Plan (WQMP) appended to/as part of the CEMP, including requirements to:	
		 minimise the risk of runoff reaching controlled waters (ditches and watercourses) to prevent pollution incidences; 	
		and	
		 manage dewatering to meet requirements of the 	
		Environment Agency regulatory position statement (RPS) 'Temporary dewatering from excavations to surface water'	
		or Environmental Permit – whichever applies to the	
		activity. Including treating dewatering effluent prior to	
		discharge and control of dewatering discharges to prevent	
		scour	
		CoCP Part A, Section 7.7, Noise and vibration which requires the	
		application of best practicable measures (BPM) as defined by the	
		Control of Pollution Act 1974 (CoPA) and the Environmental	
		Protection Act 1990 (EPA) for the control of noise. These measures are to be reflected within the Noise and Vibration	
		Management Plan (NVMP) appended to/as part of the CEMP.	
		Part A (Appendix 2.1, App Doc Ref 5.4.2.1) requires that the	
		actors incorporate a strategy for temporary lighting into the	
		(secured through requirements in the DCO), which will	
		tively secure deliver appropriate mitigation of light during	
		ruction. This strategy includes requirements for the use of wildlife	
		ive lighting (<2700K, directional only with no upward orientation It spill).	
	Đoc	gement of commissioning activities through application of	
	Ref	Jres within the outline Commissioning Plan (Appendix 2.5, App	
	ner	-5.4.2.5) and the CoCP Part A, Section 4.4 (Construction	



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Chapter <u>Ref</u> locationSecuring mechanism

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Description of impact

Mitigation measure Secured by numberPhase Reference document

mment Management Plan), and Section 7.5 (Water Resources and Risk) (Appendix 2.1, App Doc Ref 5.4.2.1) which requires that the

actors to prepare a Commissioning Plan-(secured through







Aitigation Tracker			cingital inte	anglianw
Chapter Mitigation Des	(Appendix 2.1, App Doc Ref	igation measure Secured by number location (Appendix 2.1, App Doc Ref 5.4.2.2) Lighting Design Strategy (Appendix 2.5, App Doc	Requirement – 8 CoCPDCO Schedule 2c RefRequirement 9- CEMP	<u>Requirem</u> ent 14 – <u>Construct</u> ion
-22 ES Chapter 8: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	combination of noise, the Ma use of temporary lighting ma and works directly within Cod and adjacent to the river and and the potential shortterm Apt	nmissioning Plan nagement of commissioning activities through application of nagement plans, Section 8 (Appendix 2.5, App Doc Ref 5.4.2.5), and the CP Part A, Section 4.4 (Construction Environment Management Plan), I Section 7.5 (Water Resources and Flood Risk) (Appendix 2.1, Do Doc Ref 5.4.2.1) which requires that the contractors to prepare a nmissioning Plan	ConstructionSections 4.4 (CEMP) Para 4.4.4., and 7.2, (Ecology and Nature Conservation), and 7.5, (Water resources and flood risk) in Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1)Commissioning Plan (Appendix 2.4, App Doc Ref 5.4.2.4).	DCO Schedule 2 Requirement – 8 CoCP DCO Schedule 2 Requirement 9- CEMP a detailed commissioning plan where the relevant phase includes commissioning which must accord with the outline commissioning plan
4.4.4., Code of Construction Practice (CoCP) Part A -23 ES Chapter 088: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation hapter 08: Table 5.1 Summary birect and indirect impacts to otter due to the construction within and adjacent to itches, and the Biodiversity of iodiversity effects combination f noise, emissions to air, use of emporary lighting, land clearance resence of people in close proximity to ditches and the River Cam which could affect normal ehaviour patterns resulting in iminished population Code of onstruction Practice requirements in the DCO), which will ollectively secure deliver appropriate attigation of the wet commissioning ctivities. Management of construction activities is described within the CoCP Part and B (Appendix 2.1 & 2.2, App Doc of 5.4.2.1, 5.4.2.2) in particular ection 4.4 Part A which requires the rincipal Contractor(s) to produce a EMP setting out measures for the revention of impacts to ecological	 sensitive construction methodologies to include securing of areas to prevent access by otter; pre works checks for protected consists by and 	DCO Schedule 2	DCO Schedule 2 Requirement 10 – OMMP DCO Schedule 2	lighting





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Chapter <u>Ref</u> locationSecuring mechanism	MitigationSource Description of ir	mpact Mitigation measure	e Secured by numberPhase Reference document
 implement <u>Bb</u>est practice measures in relation to the safe storage and handling of potentially contaminating 	Control of Pollution (Oil Storage) (England) Regulations 2001 and Construction	4.4.4., 5.13 (River work) 7.2 (Ecology and Nature Conservation), 7.5 (Water resources and flood risk), and 7.7 (Noise and vibration0 in Code of Construction Practice D	(Appendix 2.1, App Doc Ref 5.4.2.2) DCO Schedule Requirement CO Schedule 2
Chapter 08: Table 5.2 - Securing Diodiversity Mitigation	Construction Direct and indirect impacts to otter due to construction within and adjacent to ditches, and the combination of noise, emissions to air, use of temporary lighting, land clearance presence of people in close proximity to ditches and the river Cam which could affect normal behaviour patterns resulting in diminished population	As for measures related to impacts to water vole plus the following. Management of construction activities as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 which requires the Principal Contractor(s) to produce a CEMP setting out measures for the prevention of impacts to ecological features including best practice measures applied during construction to:	The Environmental Permit will set out conditions relating the discha limits and its monitoring and reporting. Section 7.2, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1) Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO Doc Ref 2.1). Water Quality Management Plan, and (secured through Section 4.4 CoCP Part A) secured through a requirement of the draft DCO (Applic Document Ref 2.1) Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO (Applic Document Ref 2.1).
materials including fuels and oils in accordance with the	Sections 4.4 (CEMP) Para	<u> </u>	<u>equirement – 8 CoCP</u> <u>CO Schedule 2</u>

Dangerous Substances and Explosive Atmospheres . Regulations 2002.



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			Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker ChapterRefMitigation Source Description of impact Mitigation measure Secured by numberPhase Reference document locationSecuring mechanism		anglianwat
<u>B-24</u>	<u>ES Chapter 8:</u> <u>Biodiversity (App Doc</u> <u>Ref 5.2.8), Table 5.2 -</u> <u>Securing Mitigation</u>	Direct and indirect impacts to otter due to construction within and adjacent to ditches, and the combination of noise, emissions to air, use of temporary lighting, land clearance presence of people in close proximity to ditches and the river Cam which could affect normal behaviour patterns resulting in diminished population	Lighting Design Strategy Management of lighting through the Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5)] and the CoCP Part A, Section 5.9 (Lighting) (Appendix 2.1, App Doc Ref 5.4.2.1), which requires that the contractors incorporate a strategy for temporary lighting into the CEMP(s) (secured through requirements in the DCO), which will collectively secure deliver appropriate mitigation of light during construction. This strategy includes requirements for the use of wildlife sensitive lighting (<2700K, directional only with no upward orientation or light spill (thereby providing a night time safe transit route for otter).	<u>Construction</u>	Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5)] CoCP Part A, Section 5.9 (Lighting) (Appendix 2.1, App Doc Ref 5.4.2.1) secured through a.
Biodiversity		as described within the CoCP <u>Prac</u> t 1g — Mitigation — Part A and	Section 7.2, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1) Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO (App Doc Ref 2.1). mpacts on reptiles <u>Code</u> Management of tice d B (Appendix 2.1 & 2,2, App Doc Ref 5.4.2.1, 5.4.2.2) in Principal Contractor(s) to produce a CEMP setting out me	easures for the	
	<u>Ref 5.2.8), Table 5.2 -</u> <u>Securing Mitigation mea</u>	asures applied during construction	construction prevention of impacts to ecological features including best p	oractice ods within the CoCP r(s) to produce a	



<u>DCO Schedule 2</u> <u>Rrequirement – 8 CoCP</u>

DCO Schedule 2 Requirement 9- CEMP DCO Schedule 2 Requirement 14 – Construction lighting

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Chapter location	<u>Ref</u> Securing mechanise	Mitigatio <u>m</u>	n <u>Source</u> [Description o	of impact		Mitigation measu	re Secure	d by number<u>Phase</u>R	eference docun	<u>nent</u>
				<u>••</u> •	local translocation. vision of reptile specific out.	s hard searches as appropri 'tool-box talk' to site staff ged cuts in a directional ma r suitably experienced ecol coinclude a mosaic of suita crub, seasonal ponds) alon the land required for the cLERMP (Appendix 8.14, A	prior to any work being nanner, as guided by the logist identified by the while habitats (bare ng with reptile landscape masterplan	DCO Sched Requireme CoCP	(Appendix 2.1, Ap 5.4.2.1) secured throug requirement of the dra DCO (App Doc Ref 2.1 Section 3 CoCP Pa ((Appendix 2.2, A 5.4.2.2) secured throug <u>ulle</u> a 2 r nt of the draft DCO (App Do	h a hft) art B pp Doc Ref 3h	Landscape, Recreation Manageme (Appendix I App Doc Re which is set a requirem draft DCO (App E DCO Sched Requireme
Chapter (Biodivers i		curing Direct and ir macrophyte	ndirect impacts on :5	⊨ river		sures applied during constr controlled waters (ditches			7.2, CoCP Part A (Appendix 2 a requirement of the draft [
					including treating (sures applied for managem dewatering effluent prior t rges to prevent scour.		Manager	l and implementation of a C ment Plan secured through 2.1).		
					Inclusion of embed protection-works.	dded 'Green' engineering fi	eatures within river bank	through	l and implementation of an a requirement of the draft I ns set out within a Flood Ris	DCO (App Doc Ref 2	<u>2.1).</u>
					described within the Ref 5.4.2.1, 5.4.2.2	onstruction activities will be he CoCP Part A and B (App 2) in particular section 4.4 v roduce a CEMP which will ii	endix 2.1 & 2.2, App Doc which requires the Princip		tion activities carried out w	ithin 8m of a main	river.
<u>Construct</u>	4.4.4., and 7 <u>Nature Cons</u> <u>Code of Con</u>				provide suitable h	abitat for reptiles.		through a r 2.1). Approval a Manageme	nd implementation of a CEN requirement of the draft DC nd implementation of a Rep ent Strategy secured throug t DCO (App Doc Ref 2.1).	O (App Doc Ref otile	
<u>B-26</u>	Biodiversity (App	<u>Direct and indirect</u> impacts on <u>reptiles in</u> operation	measures for the of impacts to ec- features, surfact impacts from the of noise. The be measures applic construction in the fish are: CoCP-Part 7.2, Ecolog nature cor	e water, and e generation st practice relation to A, Section			<u>.01</u>	<u>peration</u>	Figure 3.1 within the Landscape, Ecological and Recreational Management Plan (Appendix 8.14, AppApp Doc Ref 5.4.8.14)	<u>DCO Schedule 2</u> <u>Requirement 11 -</u> <u>LERMP</u>	=

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ndi 00 is ire (App Doc Ref 2.1) Schedule 2 irement 9- CEMP

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Chapter Ref Mitigation document location Securing mechanism	n <u>Source</u> Description of impact	Mitigation measure	Secured by numberPhase	R
	and Aquatic Habitats			
	specifically:			
	and any			
	aquatic			
	vegetation in place for as			
	long as			
	practicable			
	channel bed			
	material prior			
	to the			
	excavation of			
	the trench,			
	storing the			
	material			
	separately and			
	replacing it			
	once			
	construction			
	works are			
	complete to promote rapid			
	colonisation of			
	the area by			
	aquatic			
	invertebrates			
	and aquatic			
	plants			
	=			
	maintainin			
	g the flow			
	downstream			
	of the			
	crossing point			
	possible			
	completing			
	works			
	between			
	August and			
	October			
	and/or during			
	low flow			
	conditions to			
	protect			
	potential fish			



Reference



Chapter Ref MitigationSource Description of impact document locationSecuring mechanism	Mitigation measure	Secured by numberPhase	Refe
spawning or			
nursery sites			
CoCP Part A, Section			
7.5, Surface water			
and flood risk which			
includes a number			
of measures to be reflected within the			
construction Water			
Quality			
Management Plan			
(WQMP) appended			
to/as part of the			
CEMP, including			
requirements to:			
minimise the			
risk of runoff			
reaching			
controlled			
waters			
(ditches and			
watercourses)			
to prevent pollution			
incidences;			
and			
Environment Agency			
regulatory position statement			
(RPS)			
(Temporary			
dewatering from			
excavations to			
surface water' or			
Environmental			
Permit—			
whichever applies			
to the activity.			
Including treating			
dewatering effluent prior to			
entient pro-to discharge and			
control of			
dewatering			
discharges to			
prevent scour			
CoCP Part A, Section			
7.7, Noise and			



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Chapter_	Ref	MitigationSource	Description of impact	Mitigation measure	Secured by number	Phase Re
document	t_locationSecuring_me	<u>echanism</u>				
		vibrat	tion which			
		requi	res the			
		applic	cation of best			
		pract i	i cable			
		meas	ures (BPM) as			
		define	ed by the			
		Contr	ol of			
		Pollut	tion Act 1974			
		(CoPA	\) and the			
		Envire	onmental			
			ction Act			
		1990-	(EPA) for the			
		contr	ol of noise.			
			emeasures			
			+ be reflected			
			n the Noise			
			libration			
		Landscape	Masterplan - Habitats			
		Manageme	nt Plan (NVMP) appended to/as part of the CEMPDesig	n measures to include a mosaic of		
		· · · · · · · · · · · · · · · · · · ·	bitats (bare areas, grassland, scrub, seasonal ponds) alo			
			quired for the landscape masterplan contained with the	· ·		
		reptiles.		=		
B-27	ES Chapter 08 8:		t and indirect impacts on Stow-cum-Quy			
Biodiversity	- Mitigation Fen SSSI du	ring construction due to, run of	f, water logging and contamination from leaks and spill	s and air emissions.Code of Construction P	ractice Construction	Sections 4.4 (CEM
,	DCO Schedule 2	- ,				
	Biodiversity (App Doc	on river macrophytes			4.4.4., and 7.2, (Ecology	v and Requirement



<u>Reference</u>

MP) Para

<u>nt – 8 CoCP</u>

Chapter Mitigation Description of impact Mitigation measure Secured by number location





<u>Ref</u>	Source	Description of impact	Mitigation measure	<u>Phase</u>	Reference document	Securing mechanism
	Ref 5.2.8), Table 5.2 - Securing Mitigation		<u>S</u> <u>e measures applied during construction to minimise the risk</u> aching controlled waters (ditches and watercourses).		Nature Conservation), and 7.5 (Water resources and flood risk) in Code of Construction Practice	Requirement 9- CEMP DO Schedule 2 Requirement
			 e measures applied for management of dewatering including vatering effluent prior to discharge and control of dewatering o prevent scour. embedded 'Green' engineering features within river bank pro 		(CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1)	<u>– Construction lighting</u> <u>DCO Schedule 2,</u> <u>Requirement 9 - CEMP to</u>
			which requires the Principal Contractor(s) to produce a will include setting out measures for the prevention of cological features, surface water, and impacts from the settion for the best practice measures applied during			include detailed WQMP, detailed PICP, Conditions set out within Flood Risk activity permit required for construction
			<u>in relation to fish are:</u> <u>CP Part A, Section 7.2, Ecology and nature conservation, in</u> espect Riparian and Aquatic Habitats specifically: <u>espect Riparian and Aquatic Habitats specifically:</u>			activities carried out with 8m of a main river.
			 <u>place for as long as practicable</u> <u>removing the</u> <u>channel bed material prior to the excavation of the</u> <u>trench, storing the material separately and</u> <u>re replacing it once construction works are complete</u> <u>to promote rapid colonisation of the area by</u> <u>aquatic invertebrates and aquatic plants</u> <u>–</u> 			
			 <u>maintaining the flow downstream of the</u> <u>crossing point</u> <u>where possible completing works between</u> <u>August and October and/or during low flow conditions</u> <u>to protect potential fish spawning or nursery sites</u> 			
			 <u>CoCPCP Part A, Section 7.5, Surface water and flood risk which includes a number of measures to be reflected within the construction Water Quality Management Plan (WQMP) appended to/as part of the CEMP, including requirements to:</u> 	1		
			<u>minimise the risk of runoff reaching</u> <u>Co</u> <u>controlled waters (ditches and watercourses) to</u> <u>inc prevent pollution incidences; and</u> <u>co</u> <u>manage dewatering to meet</u> <u>ap</u> <u>requirements of the Environment Agency regulatory</u>			
			 <u>position statement (RPS) 'Temporary dewatering from</u> <u>excavations to surface water' or Environmental Permit –</u> <u>whichever applies to the activity. Including treating</u> <u>dewatering effluent prior to discharge and control of</u> <u>dewatering discharges to prevent scour</u> 			
			CoCP Part A, Section 7.7, Noise and vibration which requires the application of best practicable measures (BPM) as defined by the Control of Pollution Act 1974 (CoPA) and the Environmental Protection Act			
			<u>1990 (EPA) for the control of noise. These measures</u> <u>are to be reflected within the Noise and Vibration</u>			

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ChapterRefMitigationSourceDescription of impactby numberPhaseReference documentlocationSecuring mechanism

Mitigation measure Secured

Management Plan (NVMP) appended to/as part of the CEMP.





ChapterRef locationSecuring mechanism	MitigationSource	Description of impact	Mitigation measure	Secured by numberPhase	Reference documer
B-28 ES Chapter 8: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	Direct and indirect impacts on Stow-cum-Quy Fen SSSI during construction due to, run-off, water logging and contamination from leaks and spills and air emissions.	 Code of Construction Practice Section 4.4 which requires the Principal Contractor(s) to produce so Quality Management Plan(s), Pollution Incident Control Plan, and assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will in the requirement to implement best practice measures including: measures to minimise run-off and the risk of runoff reach ditches and watercourses management of dewatering activities in accordance with Environment Agency specifications including treating descrites to prevent scour. measures applied for the management of leaks and spilla as use of drip trays and provision of spill kits requirement for the safe storage and handling of potentit contaminating materials including fuels and oils in accord with the Control of Pollution (Oil Storage) (England) Regulations 2002. requirement for refuelling of machinery to be undertaken designated areas (unless expressly stated within the CEMP where spillage can be more easily contained) Application of measures to manage drilling fluid break out as define within the CCCP Part A section 7.4. The management of air quality as set out within Section 7.8 of the Part A, Air quality, sets out a framework for the control of air qual during construction, identifying a number of 'standard' mitigation measures which will be implemented whilst construction work tai place. These will be reflected in an Air Quality/Dust Management (AOMP) appended to/as part of the CEMP. This includes the follow general measures to be will put in place to minimise emissions an usiance: the use of low emission vehicles and plant as far possible; and the use of low emission vehicles and plant as far possible; and 	risk clude ally watering charge ges such ally dance dations eres n within IPs) ned coCP ity ces Plan wing d avoid ne turned	Sections 4.4 (CEMP) Para 4.4.4., 7.2 (Ecology and Nature Conservation), 7.4 (Land quality), 7.5 (Water resources and flood risk), 7.7(Noise and vibration, 7.8 (Air quality) in Code of Construction Practice (COCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1)	DCO Schedule 2, Requirement – 8 CoCP DCO Schedule 2, Requirement 9 - CEMP 1 include detailed WQMP detailed PICP
	<u>Ref 5.</u>	ersity (App Doc Landscape Masterplan – Design 2.8), Table 5.2 - on terrestrial ing Mitigation Management of construction activities as desc Part A and B (Appendix 2.1 & 2.2, App Doc)	ribed within the CoCP	Plan, and risk assessments befor will be appended to or incorporal	ent Plan(s), Pollution Incic e works commence on sit



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Chapter Ref

MitigationSourceDescription of impact

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locationSecuring mechanism

 include the requirement to implement best practice measures including:<u>Design</u>
 measures to minimise run off and the risk of runoff reaching ditches and watercourses-loss of terrestrial habitat that may support •<u>m</u> ₽ ₽ æ ₩



Mitigation measure Secured by numberPhase Reference document

Chapter	Ref	MitigationSource	Description of impact		Mitigation measur	e Secured by numberPhase	e Reference document
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				<u>n</u>			e
				π		Sections 7.4, 7.5 and 7.9,, 7.11, 7.1	=
				4 5		Ref 5.4.2.1) secured through a req	uiroment of the draft DCO (A)
				u :		kei 5.4.2.1) secureu tirougn a req 2.1)	
				.		2.1)	4
				.		A survey of a set in subsection of a	
				e 6		Approval and implementation of a	Construction Environmental
						Management Plan secured throug	n a requirement of the draft i
				.		Doc Ref 2.1).	=
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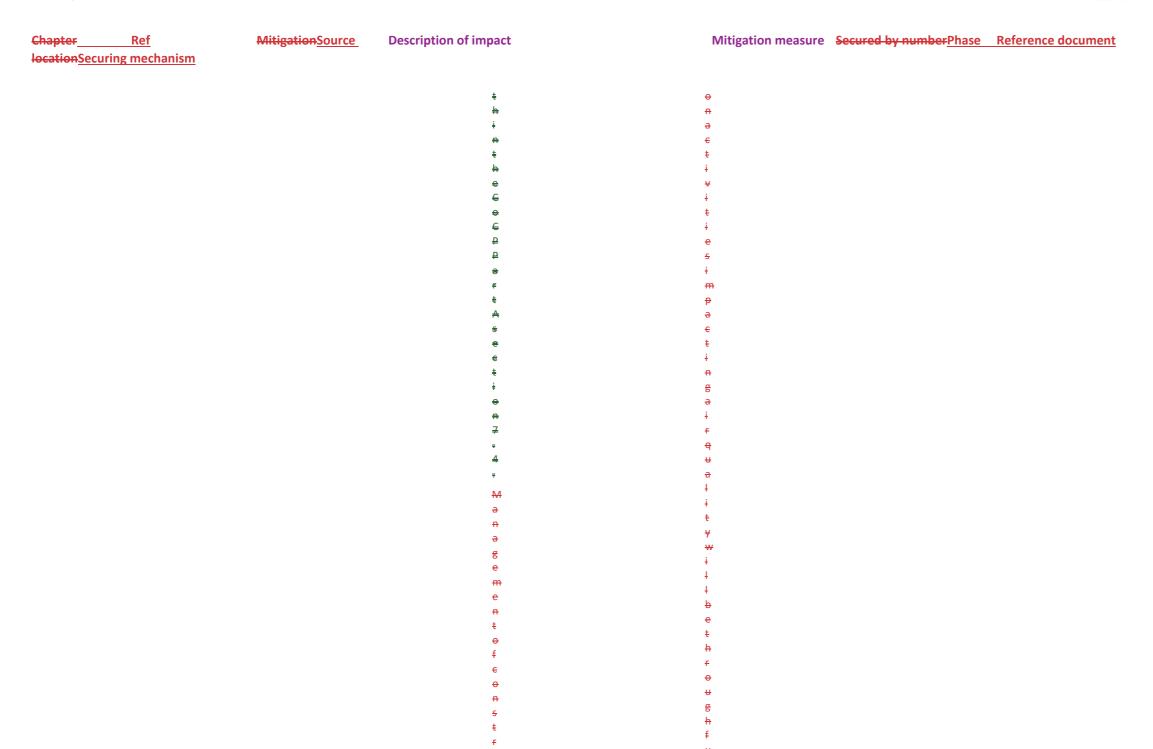




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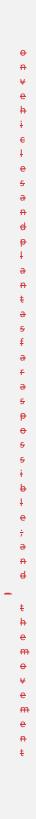
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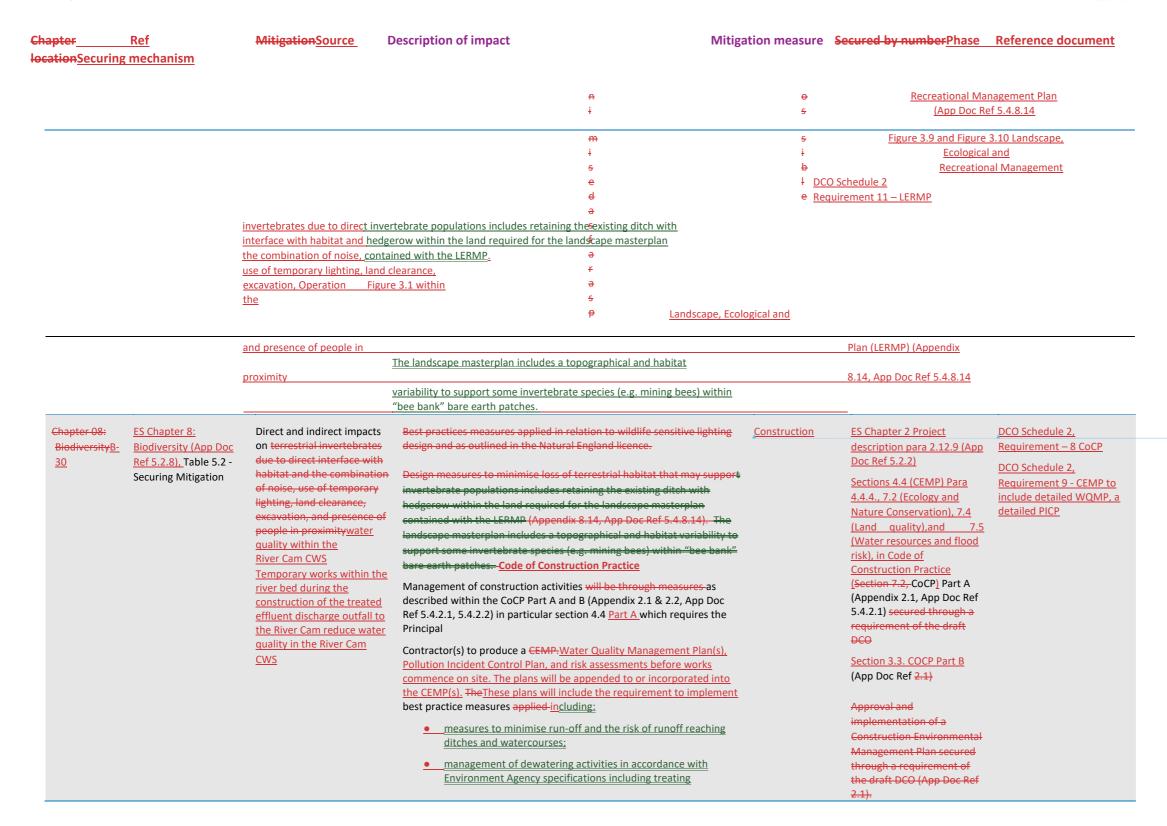






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	Chapter <u>Ref</u> Mitigation measure	MitigationSource Secured by numberPhase	Description of impact Reference document	locationSecuring mechanism
	<u> </u>	dewatering effluent prior to disc dewatering discharge rates to pr Dewatering impacts within the R through the temporary works de cofferdam to create dry working	event scour. iver Cam CWS managed sign which specifies the use of	Landscape, Ecological and Recreational Management Plan (Appendix 8.14, App Doc Ref 5.4.8.14) which is secured through a requirement in the draft DCO (App Doc Ref 2.1) Secured through a requirement in the draft DCO (App Doc Ref 2.1) to comply with the Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.52).
<u>B-31</u> <u>ES</u> Chapter 08 8: <u>Table 5.1 Summary</u> <u>Biodiversity</u> <u>(App Doc</u> <u>Ref 5.2.8), Table 5.2 -</u> <u>Securing Mitigation</u>	Temporary works within the construction of the treated			Dutline outfall management river bed during the and mo Doc Ref 5.4.8.24) effluent
Direct and indirect impacts Constru ction Methods Co nstruction ES Chapter 2 Project	discharge outfall to the River Cam requality in the River Cam CWS during construction in relation to m the specification for the use of			habitats wherever possible
on water quality <u>within the Biodiversity</u> <u>description para</u> <u>2.12.9 of biodiversity effects</u> <u>Dewate</u>	• the delineation of working are	eas prior to the commencement of c	onstruction and until works ar	e complete to prevent damage to the surrounding habi
ring impacts ——with in the <u>River</u> <u>Cam</u>			agement Plan (Appendix 6.3, A	pp Doc Ref 5.4.6.3) which will ensure the rapid and effe
CWS manage d through the River Cam CWS (App Doc Ref 5.2.2) tempor	Principal Contractor(s) to produce a be appended to or incorporated int	+Water Quality Management Plan(s), Pollution Incident Control Pla Ide the requirement to implen	, App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 w an, and risk assessments before works commence on sit nent best practice measures including:
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monitoring plan (App

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which requires the site. The plans will

management of dewatering activities in accordance with Environment Agency specifications including treating dewatering effluent prior to discharge and control of dewatering discharge rates to prevent scour.

Temporary works design measure:



2	ES Chapter 088:	Table 5.1	Direct and indirect impacts		Construction	ES Chapter 2 Project	DCO Schedule 2,
	Biodiversity <u>(App Doc</u> <u>Ref 5.2.8), Table 5.2 -</u>	Summary of	to River Cam CWS -during construction due to, run-			description para 2.12.9 (App Doc Ref 5.2.2)	<u>Requirement – 8 CoCP</u> DCO Schedule 2,
	Securing Mitigation	biodiversity	off, water logging and			Sections 4.4 (CEMP) Para	Requirement 9 - CEMF
		effects	contamination from leaks			4.4.4., 7.2 (Ecology and	include detailed WQM
			and spills.			Nature Conservation), 7.4	detailed PICP
						(Land quality), and 7.5	DCO Schedule 2
				Code of Construction Practice		(Water resources and flood	Requirement 10 Outfa
				Management of construction activities as described within the CoCP		risk), in Code of Construction Practice	management and
				Part		(Sections 7.4, 7.5 and 7.9,	monitoring plan
				A and B (Appendix 2.1 & 2.2App Doc Ref 5.4.2.1, 5.4.2.2) in particular		7.11, 7.12 CoCP) Part A	Environmental Permit
				Part A section 4.4 -which requires the Principal Contractor(s) to		(Appendix 2.1, App Doc	(Flood Risk Activities)
				produce a Water Quality Management Plan(s), Pollution Incident		Ref 5.4.2.1) secured through	Environmental Permit
				Control Plan, and risk assessments before works commence on site.		a requirement of the draft	(Impounding)
				The plans will be appended to or incorporated into the CEMP(s). These plans will include best practice measures requirements		DCO (App Doc Ref 2.1)	
				including:		Approval and	
				, , , , , , , , , , , , , , , , , , ,		implementation of a	
				minimising run-off and the risk of runoff reaching		Construction Environmental	
				ditches and watercourses such as through the siting of launch and recovery pits associated with trenchless		Management Plan secured	
				construction methods to be located a minimum of 8m from		through a requirement of	
				top of bank		the draft DCO (App Doc Ref 2.1).	
				 management of dewatering activities in accordance with 			
				Environment Agency specifications including treating		Section 3 of the CoCP Part B	
				dewatering effluent prior to discharge and control of		(Appendix 2.1, App Doc Ref	
				dewatering discharge rates to prevent scour.		<u>5.4.2.2)</u>	
						Outline Outfall	
						AQMP, and WQMP, and	
						(secured through Section 4.4 of the CoCP Part A) secured	
						through a requirement of	
						the draft DCO (Application	
						Document Ref	
						2.1)Management and	

wor Section 7.4, 7.5, 7.8, 7.9 and 7.10 of the CoCP Part A (Appendix 2.1, App-CWS

Approval and implementation of a Construction DCO Schedule 2, Requirement 10 - Outfall management and monitoring plan



Environmental Management Plan secured through a requirement of the draft DCO (App Doc <u>1P to</u> Ref 2.1). Permit MP, a (Flood Risk Activities)

> **Environmental** <u>Permit</u> (Impounding)

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		. <u>.</u>		pits	Outfall
				associate	Management
				d with	and
				trenchles	Monitoring
				÷	Plan
				constructi	(OMMP),
				on	(secured
		<u>●</u>		methods	through
				to be	App Doc Ref
				located a minimum	5.4.8.24)
				of 8m	Section 3 of
				from top	the CoCP
				of bank	Part B)
					secured
				nt-of	through a
				dewatering	requirement
				activities in	of the draft
				accordance	DCO
				with	(Application
				Environme	Document
				nt Agency	Ref 2.1)
				specificatio	Flood Risk activities pern
				ns including	Approval of
				treating	the
				dewatering	construction
				effluent	risk
				prior to discharge	assessment
				and control	and method
				of	statement
				dewatering	associated
				discharge	with the
				rates to	detailed
				prevent	design and
				scour.	construction
		 measures applied for management of leaks and spillages 			approach for
		requirement for the safe storage and handling of potentially cont	taminating materials i	ncluding fuels and	the outfall as
		oils in accordance with the Control of Pollution (Oil Storage) (England) Reg	-	-	secured
		Substances and Explosive Atmospheres Regulations 2002.		-	through
		requirement for refuelling of machinery to be undertaken within	decignated areas (loss ovprossly	applicable
		stated within the CEMPs which will be prepared) where spillage can be mo		iess explessly	Environment
		stated within the clives which will be prepared, where spinage call be fill	ore easily contained		al Permit
					(Flood Risk
				Management of	Activities).
				construction	
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				impacting air	
				quality will be	



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Chapter Ref locationSecuring mechanism MitigationSource

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	heasures as
	escribed within
	he CoCP Part A
	nd B (Appendix
	-1 & 2.2App Doc
	ef 5.4.2.1
	(5.4.2.2):
	manageme
	nt of air
	quality as
	set out
	within
	Section 6.9
	of the CoCP
	Part A, Air
	quality,
	sets out a
	framework
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	air quality
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	constructio
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	identifying
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	appended
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Chapter	Ref
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Description of impact

Mitigation measure Secured by numberPhase Reference document

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ES Chapter 8: DirectB-33 and indirect impacts related to works to ditches will be through_

> Biodiversity (App Dod —<u>Ref 5.2.8),</u> Table 5.2 Chapter 08: Securing Mitigation

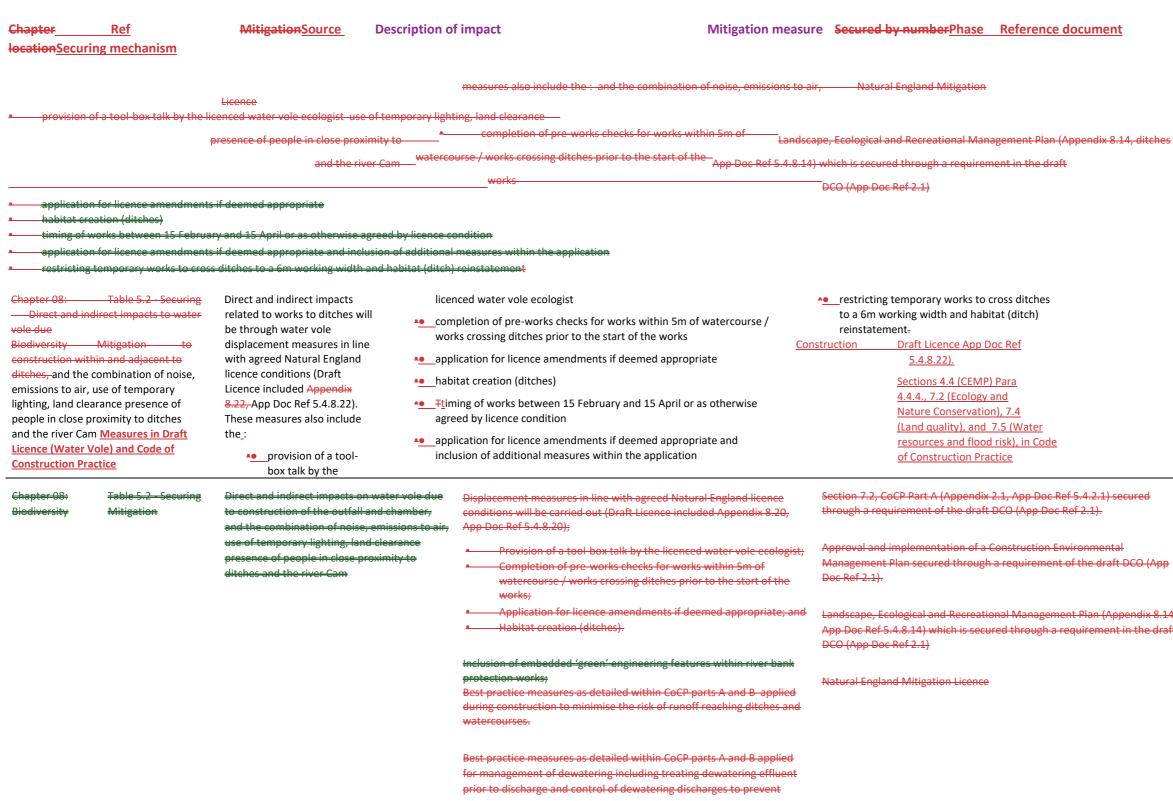
Direct and indirect impacts on water voles <u>Section 7.2, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) secured</u>

water vole displacement measures in line with agreed Natural England

Biodiversity Mitigation Direct and indirect impacts on water vole due <u>through a requirement of the draft DCO (App Doc Ref 2.1)</u>

licence conditions (Draft Licence included App Doc Ref 5.4.8.22). These to construction of the outfall and chamber, -





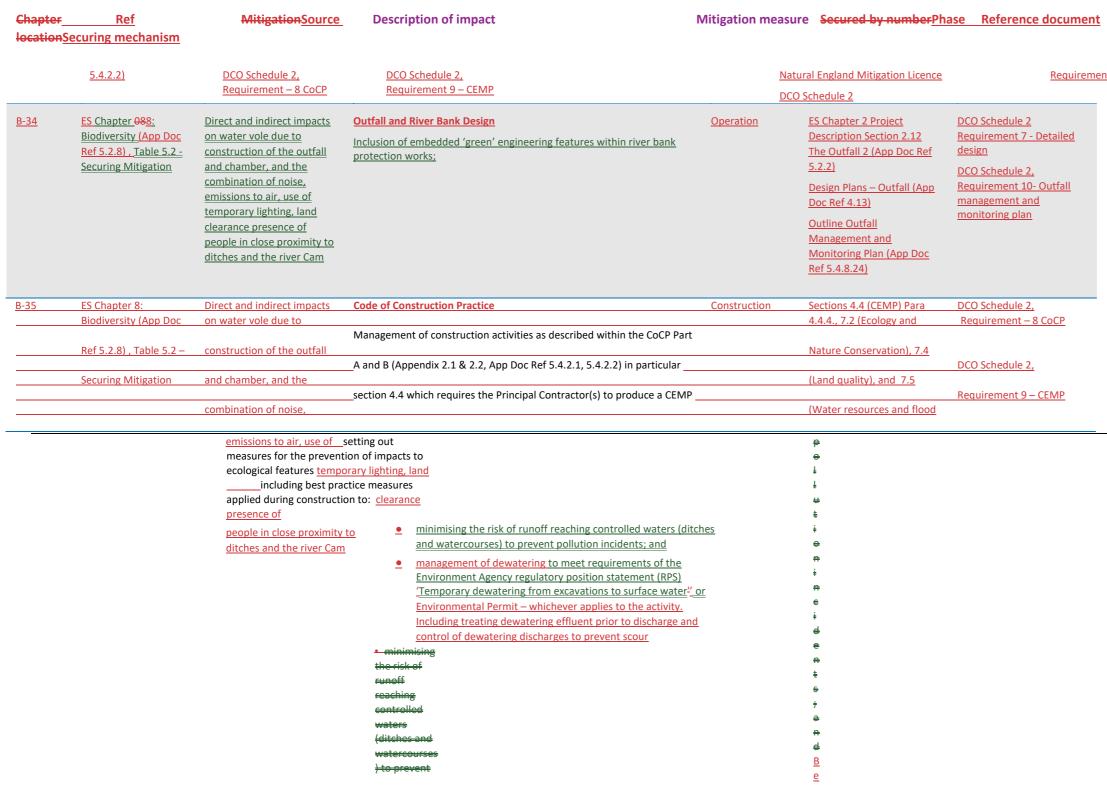
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P	o <u>CP</u> art <u>B</u> Appendi
1) secured	<u>x 2.1,</u> <u>App</u> <u>Doc</u> Ref
ental raft DCO (App	<u>ner</u>
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Chapter	<u>Ref</u> Iring mechanism	MitigationSource	Description of impact	Mitigation measure	Secured by numberPhase	Reference document
			iled within		e	
			CoCP parts A		×	
			and B		€	
			applied for		æ	
			manageme		¥	
			nt of		æ	
			dewatering		ŧ	
			to meet		*	
			requirements		Section 4.4 and 7.2, CoCP Part A (Ap	The second se
			of the	5	ectived through a requirement of t	he draft DCO (App Doc Ref 2
			Environment		±	
			Agency		\ppۗroval and implementation of a (
			regulatory	4	Vanagement Plan secured through	a requirement of the draft [
			position	ŧ	Doc Ref 2.1).	
			statement (RPS)	4	terral England Mitigation Licence	
			i' Temporary		÷	
			dewatering		Secured through a requirement in t	
			from	ŧ	approved and implement an Outfal	Hanagement and Monitori
			Environmental Permit whichever applies to the activity. Including			
			treating dewatering effluent prior to discharge and control of			
			dewatering discharges to prevent scour.			
			Lighting			
			The management of lighting through the Lighting Design Strategy			
			(Appendix 2.5, App Doc Ref 5.4.2.5) and the CoCP Part A, Section			
			5.9 (Lighting) (Appendix 2.1, App Doc Ref 5.4.2.1) which requires			
			that the contractors incorporate a strategy for temporary lighting			
			into the CEMP(s) (secured through requirements in the DCO), which			
			will collectively secure deliver appropriate mitigation of light during			

construction. This strategy includes requirements for the use of wildlife sensitive lighting (<2700K, directional only with no upward

orientation or light spill).

risk), in Code of

DCO Schedule 2, Construction Practice Requirement- 10 Outfall

(CoCP) Part A (Appendix 2.1, management and

App Doc Ref 5.4.2.1) monitoring plan Section 3.1 of the CoCP Part Environmental Permit B (Appendix 2.1, App Doc (Flood Risk Activities)

<u>Ref 5.4.2.2)</u>

Environmental Permit Outline Outfall (Impounding)

Management and Monitoring Plan (App Doc <u>Ref 5.4.8.24)</u>



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5.4.2.1) ef 2.1)

tal ft DCO (App

ef 2.1) to have oring Plan.

	Project	ge Waste Water Treat on Tracker	tment Plant Relocation		love every di anglianwa
		Ref of impact number Phase suring mechanism	MitigationSource Mitigation measure Reference documen		
	Chapter 08: BiodiversityB- 36	ES Chapter 8: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	Direct and indirect impacts to badger due to direct interface with habitat (including closure of outlier sett), temporary stopping up of settswater vole due to construction within and adjacent to ditches, and the combination of noise, emissions to air, use of temporary lighting, land clearance, excavation and presence of people in close proximity to ditches and the river Cam	Direc L be thro measur carried which r * * * * * * * * * * * * * * * * * * *	nserted Cells nserted Cells ugh application of the mitig es in line with agreed Natur out (Draft Licence included equires the followingThese
Table 5.2 - Securing Direct and indirect impa	<u>B-37</u> cts to bats due t	to the	Measures in Draft Licence	(Badger)	Construction
			combination of	temporar	y construction noise, <u>to bad</u>

ES Chapter 088: Natural England Mitigation

_Biodiversity (App Doc _____

App Doc Ref 5.4.8.21) Licence use of temporary lighting, land clearance and presence of people in close proximity which could affect normal behaviour patterns resulting in diminished population

Direct and indirect impacts related to works to affecting bat roostsbadger will be





nitigationwater vole displacement	
latural England licence conditions, will be	<u>Secti</u>
ded Appendix 8.21, App Doc Ref 5.4.8.21)	Part
nese measures also include the:	Doc I
x talk by the suitably experienced<u>licenced</u>	
and by the build by experienced <u>noenced</u>	
rks checks;- <u>for works within 5m of</u>	
crossing ditches prior to the start of the	
s (pipe storage locations, excavations) for	
ed animals	
event access by badger.	
ent the management of construction	
ne CoCP Part A and B (Appendix 2.1 & 2.2,	
section 4.4 which requires the Principal	
AP setting out measures for the prevention	
cal features. The CEMP will include	
actice measures (including to locations not	
construction to prevent impacts to badger	
s checks (including areas not covered by	
s (pipe storage locations, excavations) for	
ed animals	
amendments if deemed appropriate	
nes) ŧ	
een 15 February and 15 April or as	
icence condition	
amendments if deemed appropriate and	
I measures within the application	
works to cross ditches to a 6m working	
ch) reinstatement.securing of areas to	
l ger	

Draft Licence (Appendix

dger due to direct 8.21,



Chapter_	Ref	MitigationSource	Description of impact		Mitigation measure	Secured by numberPhase	Reference
documer	nt_locationSecuring m	<u>echanism</u>					
		to a sufficient so tale to show a					
	Ref 5.2.8), Table 5.2 -	interface with habitat	through application of the mitigat	ion measures in line with agreed			
	Securing Mitigation	(including closure of outlier		ion measures in me with agreed		Section 3.3 of the CoCP Part	
			be carried out (Draft Licence inclu	Ided Appendix 8.20, App Doc Ref 5.4.8.			
		w talk by the licenced bat ecologist;			, ,	C	
	 completion of pre-wo 	orks checks for works areas prior to	the start of the works				
	 timing the works at id 	lentified roost locations to be outsid	de of the hibernation period (whe	re hibernation suitability has been disce	rned);		
latural En រ្	gland Mitigation Licence						
	sett), ten	nporary stopping Section 7.2, CoCP	Part A			B (Appendix 2.1, App Doc	
		up of setts and the			Ref 5	.4.2. <u>12</u>) secured	
rough a r	requirement of the draft D	CO (App Doc Ref 2.1)					
\ pp Doc R(-						
				 installation of suitable bat boxes for 	,	comply with the Lighting Design Stra	tegy (Appendix 2.5, App E
				dwelling species on appropriate re disturbing works commencing, to f	-	5.4.2.5).	
				opportunities for bats to roost.	acintate continueu		
				 use of wildlife sensitive lighting det 	sign as outlined in the		
				Natural England licence; and	0		
				 minimising severance of hedgerow 	s and reinstatement of		
				hedgerows to provide commuting	habitat and foraging		
				opportunities			
				ent of construction impacts to terrestria			
				population will be through further meas			
				CoCP Part A and B (Appendix 2.1 & 2.2A tese will be set out in the CEMP related			
			5.4.2.2). H activity:	iese will be set out in the ceivil' related	to the specific works		
			activity.				
				 Any planting as part of the Propose 	d Development which		

suitably experienced ecologist. Enhancement roost feature installation by mounting woodcrete type Landscape, Ecological and Recreational Management Plan (Appendix 8.14, bat boxes suitable for a range of bat species to use, upon appropriate App Doc Ref 5.4.8.14) which is secured through a requirement in the draft trees within the landscape masterplan; early planting of larger DCO (App Doc Ref 2.1) specimen trees and hedgerow plants within the landscape masterplan

dies or becomes seriously damaged or diseased within five vears after completion of construction will be replaced in the first available planting season with stock of the same species and size as that originally planted unless otherwise

agreed with the Local Planning Authority. In locations of retained hedgerow there shall be consideration of additional "thickening" to promote habitat connectivity for bats, in particular making use of existing hedgerow removed during construction. Any works to hedgerow would be under the supervision of a



erence



Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation to badger due to direct interface with habitat (including closure of outlier sett), temporary stopping up In addition to licence requirement the management of construction activities as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in section 4.4 which requires the Principal Contractor(s) to produce a CEMP setting out measures for the Imaddition to licence requirement the management of construction activities as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in section 4.4 which requires the Principal Contractor(s) to produce a CEMP setting out measures for the A (Appendix 2.1, App Doc Ref 5.4.2.1) Doc Ref 5.4.2.1)	Chapter <u>Ref</u> document locationSecuring me	<u>MitigationSource</u> <u>echanism</u>	Description of	to provide vegetative features for commuting link resources as soon as possible; and thickening of hedgere boundaries of the landscape masterplan area as appropri commuting linkages for bats to use.	ہے kages and foraging r ows along the draft I	DCO (App Doc Ref 2.1)	n of a detailed mana
Biodiversity LApp Doc Ref 5.2.8), Table 5.2. In addition to licence requirement the management of construction activities as described with in the COCP Part A and B (Appendix 2.1.8.2.2, App Doc Ref 5.4.2.1.3 excite A4 within the requires the Principal construction of lineats in the direct including closure of outling sett, temporary stopping up of setts and the combination of noise, use of temporary lighting, land clearance, excavation and presence of people in proximity In addition to licence requirement the management of construction activities as described within the locence DP art A and B (Appendix 2.1.8.2.2, App Doc Ref 5.4.2.1.3, 24.2.2) in section 4.4 within the locence temporary lighting, land clearance, excavation and presence of people in proximity In addition to licence requirement the management of construction to apply best practice measures (including to apply best practice measures (including to section 3.3 of the CoCP Part B (Appendix 2.1.8.2.2) A(Appendix 2.1.4.20) Boc Ref 5.4.2.3) Dec Ref 5.4.2.13		nt in the draft DCO (App Doc Ref <u>R(</u>	2.1) to Chapter 08: ef 5.2.8), Table 5.2 -	completion of pre-works checks for works areas p start of the works	prior to the See thr		
(roosts) temporary lighting, land following: Lighting Design Strategy (Appendix 2.5, Appendix Appendix 2.5, Appendix Appendix 2.5, Append	Biodiversity (App Doc Ref 5.2.8) , Table 5.2 -	Direct and indirect impacts to badger due to direct interface with habitat (including closure of outlier sett), temporary stopping up of setts and the combination of noise, use of temporary lighting, land clearance, excavation and presence of people in	Code of Construction In addition to licence r activities as described App Doc Ref 5.4.2.1, 5 Contractor(s) to produ prevention of impacts include requirements locations not covered impacts to badger incl	equirement the management of construction within the CoCP Part A and B (Appendix 2.1 & 2.2, .4.2.2) in section 4.4 which requires the Principal ace a CEMP setting out measures for the including to ecological features. The CEMP will to apply best practice measures (including to by the licence) during construction to prevent uding: f pre-works checks (including areas not covered by erorks areas (pipe storage locations, excavations) for er / trapped animals	(E <u>Cc</u> <u>A</u> <u>Di</u> <u>Se</u> <u>B</u> <u>Di</u>	cology and Nature onservation) in CoCP Part (Appendix 2.1, App oc Ref 5.4.2.1) ection 3.3 of the CoCP Part (Appendix 2.1, App oc	DCO Schedule 2, Requirement – 8 C DCO Schedule 2, Requirement 9 – C Natural England M Licence
conditions (Draft Licence included Appendix 8.20, App Doc Ref 5.4.8.20) which requires which requires	(roosts) Biodiversity Mitigation Direct and indirect impacts to bats due to the combination of temporary construction noise, use of temporary lighting, land clearance and presence of people in close proximity to known utilised habitats which could affect normal behaviour patterns resulting in diminished population Measures in Di	temporary lighting, land clearance, excavation and presence of people in proximity f	 provision of completion of checking of w badger / trag securing of a 	a tool-box talk by the suitably experienced ecologist; of pre-works checks; works areas (pipe storage locations, excavations) for signs oped animals reas to prevent access by badger. the hibernation period (where hibernation suitabi discerned);	<u>following:</u> of ility has been		V 11 /
	application of the mitigation measures conditions (Draft Licence included App	in line with agreed Natural Engl	and licence	species on appropriate retained trees prior to Nat			

<u>B-40</u>	ES Chapter 8:	Direct and indirect impacts	Code of Construction Practice	Construction	Sections 4.4 (CEMP) and 7.2	DCO Schedule 2,
	Biodiversity (App Doc	to bats due to the			(Ecology and Nature	<u>Requirement – 8</u>



<u>ference</u>

magement and monitoring wrough a requirement of the





Chapter Ref	MitigationSource Description of impact	Mitigation measure Secured
by number Phase	Reference document locationSecuring mechanism	

<u>Ref 5.2.8) , Table 5.2 -</u> <u>Securing Mitigation</u>	combination of temporary construction noise, use of temporary lighting, land clearance and presence of people in close proximity which could affect normal behaviour patterns resulting in diminished population	Management of construction impacts to terrestrial habitats that may affect bat population will be through further measures as described within the CoCP Part A and B (Appendix 2.1 & 2.2App Doc Ref 5.4.2.1 & 5.4.2.2). These will be set out in the CEMP related to the specific works activity:Any planting as part of the Proposed Development which dies or becomes seriously damaged or diseased within five years after completion of construction will be replaced in the first available planting season with stock of the same species and size as that originally planted unless otherwise agreed with the Local Planning Authority.In locations of retained hedgerow there shall be consideration of additional "thickening" to promote habitat connectivity for bats, in particular making use of existing hedgerow removed during construction.	<u>Conservation) in CoCP Part</u> <u>A (Appendix 2.1, App Doc</u> <u>Ref 5.4.2.1)</u>	DCO Schedule 3 Requirement 9
		Any works to hedgerow would be under the supervision of a suitably		
		experienced ecologist.		
 disturbing works commencing, to facilitate continued opportunities 	S i	<u>5.4.2.5).</u>		
for bats to roost.		ES Chapter 8:		
	<u>n</u> S			
use of wildlife sensitive	<u> </u>	Biodiversity (App Doc		
lighting design as outlined	<u>L</u>	<u>Ref 5.2.8), Table 5.2 -</u>		
in the Natural	<u>r</u>	Securing Mitigation		
 England licence; 	<u>a</u>	Direct and indirect impacts to bats due to the combination of temporary		
and	<u>t</u>	construction noise, use of temporary lighting, land clearance and		
and	<u>e</u>	presence of people in close proximity which could affect normal		
minimising severance of	g	behaviour patterns resulting in diminished population Landscape		
hedgerows and	¥	Masterplan Construction Figure 3.1 within the		
reinstatement of	<u>í</u>	Landscape, Ecological and		
hedgerows to provide	Ä	 Enhancement roost feature installation by mounting woodcrete 		
commuting habitat and	<u>p</u>			
foraging opportunities		Recreational Management type bat boxes suitable for a range		
-Construction Draft Licence	<u>p</u>	of bat species to use, upon		
	<u>e</u>	Plan (App Doc Ref 5.4.8.14 appropriate trees within the		
included Natural England	<u>n</u>	landscape masterplan;		
Mitigation	<u>d</u>	Figure 3.7 within the		
Appendix 8.20, App Doc Ref	Ī	 early planting of larger specimen trees and hedgerow plants 		
Licence	X	Landscape, Ecological and within the landscape masterplan to		
<u>5.4.8.20</u>	<u>2</u>	provide vegetative features		
	÷	Recreational Management for commuting linkages and foraging		
	<u>5</u>	resources as soon as		
L	L		D	
i	<u>A</u>	lan (App Doc Ref 5.4.8.14 possible; and	<u>P</u>	
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<u>Þ</u> h	<u>–</u> С			
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Chapte by nun	¥<u>Ref</u> nber Phase	MitigationSource Reference document	Description of impact N locationSecuring mechanism	Mitigation measure Secured				
•	thickening of hedgerows along the boundaries of the landscape masterplan							
<u>B-41</u>	ES Chapter 8: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	Direct and indirect impacts on bats (roosts) due to the combination of noise, use of temporary lighting, land clearance and presence of people in close proximity to known utilised habitats	 Measures in Draft Licence (Bats) Licence included -Appendix 8.20, App Doc Ref 5.4.8.20) which requires the following: provision of a tool-box talk by the licenced bat ecologist: completion of pre-works checks for works areas prior to the start of the works timing the works at identified roost locations to be outside of the hibernation period (where hibernation suitability has been discerned); installation of suitable bat boxes for use by crevice dwelling species on appropriate retained trees prior to disturbing works commencing, to facilitate continued opportunities for bats to roost. use of wildlife sensitive lighting design as outlined in the Nature England licence; and minimising severance of hedgerows and reinstatement of hedgerows to provide commuting habitat and foraging opportunities Management of c 		Natural England Mitigation Licence	DCO Schedule 2, Requirement – 8 DCO Schedule 2, Requirement 9 –		
	area as appropriate, with native species plantings to enhance commuting linkages for bats to use. edule 2 Requirement 11 –							

DCO Schedule 2 Requirement 11 – LERMP

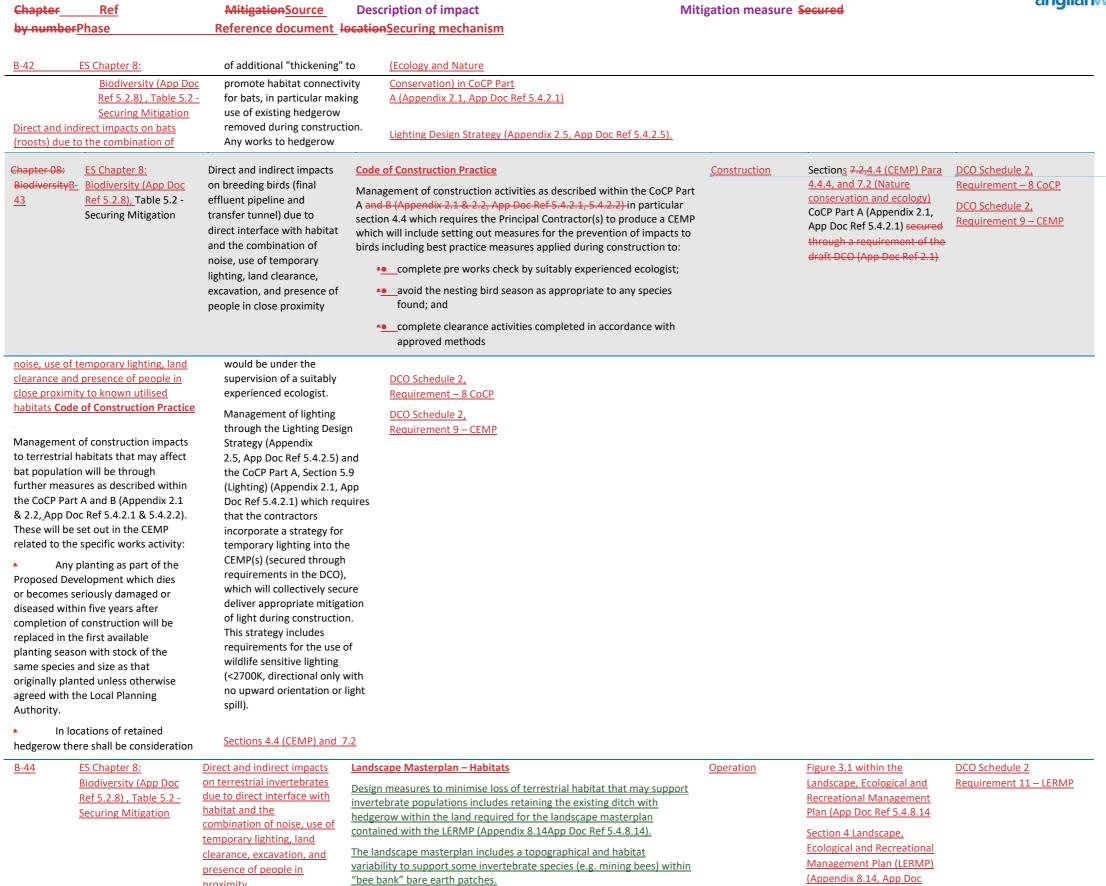




proximity



Ref 5.4.8.14)





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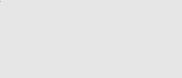
Description of impact Mitigation measure <u>Ref</u> Source

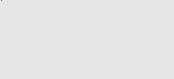
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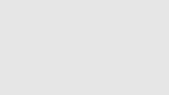
		<u>r</u>	nonitoring plan secured to comply with LERMP			
Chapter	Mitigation	Description of impact	Mitigation measure	Deleted Cells		
umber	location	· · · ·		Deleted Cells	A	
				Deleted Cells		
hapter 08:	ES Chapter 8:	Direct and indirect impacts	Design measures to minimise loss of terrestrial habitat that may support	Co Deleted Cells		
iodiversity<u>B-</u>	Biodiversity (App Doc	on terrestrial invertebrates	invertebrate populations includes retaining the existing ditch with	Deleted Cells		
<u>5</u>	<u>Ref 5.2.8),</u> Table 5.2 -	due to direct interface with habitat and the	hedgerow within the land required for the landscape masterplan contained with the LERMP (Appendix 8.14App Doc Ref 5.4.8.14).			
	Securing Mitigation	combination of noise, use of	The landscape masterplan includes a topographical and habitat	Inserted Cells		
		temporary lighting, land clearance, excavation, and presence of people in proximity	 wariability to support some invertebrate species (e.g. mining bees) within "bee bank" bare earth patches.Code of Construction Practice Management of construction activities will be through measures as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 which requires the Principal Contractor(s) to produce a CEMP. The best practice measures applied during construction in relation to minimising impacts to terrestrial habitats are: the specification for the use of trenchless techniques used to avoid disturbance and damage to habitats wherever possible the delineation of working areas prior to the commencement 		8.142.1, App Doc Ref 5.4.8.14) which is secured through a requirement in the draft DCO (App Doc Ref 2.1) Approval and implementation of a detailed management and monitoring plan secured to comply with LERMP secured through a requirement of the draft DCO (App Doc Ref 2.1)	Requirement 14 – Construction Lighting
			 of construction and until works are complete to prevent damage to the surrounding habitats. the implementation of tree/hedgerow protection measures which are shown on the Tree Protection Plans within the Arboricultural Report (Appendix 8.17, App Doc Ref 5.4.8.17). the implementation of measures set out under section 7.4 of the CoCP Part A in respect of Soil Management and in the Outline Soil Management Plan (Appendix 6.3, App Doc Ref 5.4.6.3) which will ensure the rapid and effective reestablishment of habitats especially hedgerows 		Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO (App Doc Ref 2.1). 5.4.2.1)	
			 Further measures as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1 & 5.4.2. 2). These will be set out in the CEMP related to the specific works activity: any planting as part of the Proposed Development which dies or becomes seriously damaged or diseased within five years after completion of construction will be replaced in the first available planting season with stock of the same species and size as that originally planted unless otherwise agreed with the Local Planning Authority. in locations of retained hedgerow there shall be consideration of additional "thickening" to promote habitat connectivity for bats, in particular making use of existing hedgerow removed 		Secured through a requirement in the draft DCO (App Doc Ref 2.1) to comply with the Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5). Outline Soil Management Plan (Appendix 6.3, App Doc Ref 5.4.6.3) Tree Protection Plans within the Arboricultural Report (Appendix 8.17, App Doc Ref 5.4.8.17).	

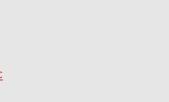


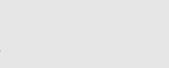












Cambridge Waste Water Treatmer	nt Plant Relocation Project				
Mitigation Tracker					love every a
					anglianwa
ChapterRef MitigationSource	Description of impact	Mitigation measure	Secured	by numberPhase Reference	<u>e accument</u>
mechanism					

during construction. Any works to hedgerow would be under the supervision of a suitably experienced ecologist.



Relocation Project



tion of impact Mitigation measure

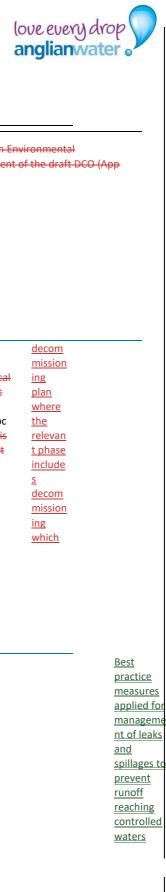
Secured by numberPhase Reference document locationSecuring mechanism

Chapter 08: Biodiversity	Table 5.1 Summary of biodiversity effects	Accidental leaks or spills during the draining and cleaning of tanks within the existing Cambridge WWTP and stopping up and ceasing use of the existing Cambridge WWTP outfall results in short term temporary impact to water quality in the river Cam	Management of construction activities as described within the CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) to minimise impacts to water and land, in particular: Section 4.4 which requires the Principal Contractor(s) to produce a Water Quality Management Plan(s) before works commence on site. The Plan will be appended to or incorporated into the CEMP(s). The Plan will be appended to or incorporated into the CEMP(s). Section 7.5. (Water Resources and Flood Risk) which requires the following general measures will be put in place to minimise dust including but not limited to:		implementation of a Construction En Plan secured through a requirement	
			 Best practice measures applied for management of leaks and 			
			spillages to prevent runoff reaching controlled waters			
	Chapter 08 <u>8</u> : <u>Table 5.2 - Securing</u> o retained habitats from	i existing Gamiler g Cambridge W a guality interference t Management i (Appendix 2 e particular n i e Sect e Wat p The	tion 4.4 which requires the Principal Contractor(s) to produce a F ter Quality Management Plan(s) before works commence on site. F Plan will be appended to or incorporated into the CEMP(s). F n will be appended to or incorporated into the CEMP(s). F Sections 4.4 Para 4.4.4, and 7.5 (Water Resources and F	DCO Schedule 2, Requirement – 8 Co DCO Schedule 2, Requirement 9 - CE nclude detailed W(detailed PICP, and a	<u>MP to</u> QMP, and	decom mission ing plan where the relevan t phase include <u>S</u> decom mission ing which
		and Flood R the followin will be put i dust includi to: habitats wil Doc Ref 2	<u>(Water Resources</u> <u>Risk) which requires</u> <u>ang general measures</u> <u>in place to minimise</u> <u>ing but not limited</u> ing but not limited ing but not limited ing but not limited ing but not limited ing but not limited			

intended to link to existing habitat features of value (such

as existing hedgerows and

habitats as part of the CWS);



ation Project

of impact

Mitigation measure



			which will enable replacement habitat if initial planting is not			
Chapter 08: BiodiversityB- 47	v ES Chapter 8 Biodiversity (App Doc <u>Ref 5.2.8),</u> Table 5.2 - Securing Mitigation	Light spill into retained habitats from operation of lighting within the proposed WWTP such as Low Fen Drove Way Grasslands and Hedgerows CWS – once vegetation established	 Landscape Masterplan Direct benefit to be realised through the habitat provisions and within the LERMP (Appendix 8.14App Doc Ref 5.4.8.14): inclusion of a new mosaic of habitats within in the landscape 	Operation	Approval and implementation of a Construction EnvironmentalFigure 3.1, 3.9 and Figure 3.10 Landscape, Ecological and Recreational Management Plan secured through a requirement of the draft DCO(LERMP) (Appendix 8.14, (App Doc Ref 2.1):5.4.8.14 Section 4 Landscape, Ecological and Recreational Management Plan (LERMP) Secured through a requirement in the draft DCO (App Doc Ref 2.1) to comply with the Lighting Design Strategy (Appendix 2.58.14, App Doc Ref 5.4.2.55.4.8.14):	DCO Schedule 2, Requirement – 7 Detailed design DCO Schedule 2 Requirement 11 – LERMP
<u></u>	<u>S</u> Chapter 08 8: <u>Biodiversity (App Doc</u> <u>Ref 5.2.8) _</u> Table 5.2 - Securing <u>Mitigation</u> Light hed <u>Ligh</u>	 exclusion of lighting provision of lighting provision	operation of lighting within the proposed sign incorporated into detailed design WWTP impacts Low Fen Drove Way Grasslands on on the access road and Hedgerows CWS which will not benefit from the screening effect of established • the Uuse of directi operation — height lighting columns of 5m	Plan (Append Ref 5.4.2.5) measures to preven onal lighting of <270	mmissioning outline decommissi lix 2.5 App Doc plan. ht or minimise artificial light are: DOK and use of maximum vegetal upe masterplan that serves a scre	<u>Requirement – 7 Detailed</u>

Secured by numberPhase Reference document locationSecuring mechanism

• implementation of appropriate management measures to meet the BNG commitment



<u>Environme</u>			
<u>nt</u>			
<u>Manageme</u>			
<u>nt Plan)</u>			
which			
<u>requires</u>			
that the	Inserted Cells		
<u>contractors</u>	Inserted Cells		
to prepare	(
<u>a</u>			

Decommiss ioning Plan



Relocation Project

on of impact	Mitigation measure		Secured by numberPhase Reference document locationSecuring mechanism				
		sign col		Note-Guidance Note revisions of this docu Artificial Lighting.	e 1 for the R	accord with The Institute of Lighting Professiona eduction of Obtrusive Light (GN01/21) (2021) or shed by the Institute and Guidance Note 08/18 –	
		<u>um</u> ns	Landscape, Ecological and Recreational Managemer App Doc Ref 5.4.8.14) which is secured through a re				
	Chapter 08: Table 5.2 Se Biodiversity Mitigation	ecuring	5 Loss of river habitats due to construction of the outfall and associated river bank protection works (river bank and river bed)	Design measures to avoid or minimise loss of river habitat wit River Cam are:	thin the	Section 7.2, CoCP Part A (Appendix 2.1, App De through a requirement of the draft DCO (App	
	<u>5</u> <u>v</u>	<u>of</u> 5 <u>m</u> wit hin	DCO (App Doc Ref 2.1) Approval and implementation of a Construction Env	ironmental Management Plan secured through a requirement o	of the draft [Landscape, Ecological and Recreational Manage	
	ם פ ע	the pro pos ed W WT P ndix	Chapter 08: Table 5.2 - Securing Benef	 designing outfall and chamber to allow reinstatement of parallel to River Cam to same profile design of outfall (orientation and sizing) to minimise lan overall and to limit the extent of the structure within the minimising extent of river bank protection works; and design that includes of embedded 'Green' engineering f within river bank protection works that seeks to mainta hydrological connection to the river bank and encourag reinstatement of marginal vegetation. Implementation of final design for outfall and river protection include measures required by the Environment Agency secure Environmental Permit (flood risk activities). Op Doc Ref 2.1) to comply with the Lighting Design Strategy (Applical impacts to common reptiles and abitats due to habitat creation within 	nd required ne river; features iin je natural n works to ed by the	App Doc Ref 5.4.8.14) which is secured throug DCO (App Doc Ref 2.1) Conditions set out within a Flood Risk activity construction activities carried out within 8m o	
	2.5, App Doc Ref 5.4.2.5).			∓ + + + + + + + + + + + + +			



onals Advice) or any later L8 – Bats and

Doc Ref 5.4.2.1) secured op Doc Ref 2.1)

nagement Plan (Appendix 8.14,

ough a requirement in the draft

ity permit required for m of a main river.

elocation	Project
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npact Mitigation me	asure	Secured by numberPhase Reference document locationSecuring mechanism						
H e d g e r o W S T o n c e v e v e		n established Ref 5.2.8), Table 5. protection works (river bank Securing Mitigation and ri	iver bed) <u>River Cam are</u> <u>designing outfall and chan</u> <u>design of outfall (orientati</u> <u>structure within the river;</u> <u>minimising extent of river</u> <u>design that includes of em</u>	nber to allow reinst on and sizing) to mi bank protection wo ibedded 'Green' enj	ares to avoid or minimise loss of riv atement of ditch parallel to River (inimise land required overall and to orks; and gineering features within river ban the river bank and encourage natu	<u>Cam to same pro</u> o limit the exten k protection wo		
<u>B</u> <u>R</u>	<u>S Chapter 8:</u> <u>siodiversity (App Doc</u> <u>lef 5.2.8), Table 5.2 -</u> <u>ecuring Mitigation</u>	Light spill into retained habitats from operation of lighting within the proposed WWTP impacts Low Fen Drove Way Grasslands and Hedgerows CWS which will not benefit from the screening effect of established vegetation until year 15 of operation	 Lighting Design Design measures to prevent or minimise artificial light are: wildlife sensitive lighting design incorporated into detailed design exclusion of lighting provision on the access road the use of directional lighting of <2700K and use of maximum height lighting columns of Sm within the proposed WWTP habitat creation within the landscape masterplan that serves a screening function once mature Detailed lighting design will comply with the Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5). This includes the requirement for lighting to accord with The Institute of Lighting Professionals Advice Note- Guidance Note 1 for the Reduction of Obtrusive Light (GN01/21) (2021) or any later revisions of this document published by the Institute and Guidance Note 08/18 - Bats and Artificial Lighting. 	<u>Operation</u>	<u>Lighting Design Strategy</u> (<u>Appendix 2.5, App Doc Ref</u> <u>5.4.2.5)</u> .	DCO Schedul Requirement design DCO Schedul Requirement design		
<u>B-50</u>	ES Chapter 8:	Loss of river habitats due to	Outfall and River Bank Design	Operation	ES Chapter 2 Project	DCO Schedul		

- and associated river bank
- <u>e</u>
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<u>works that</u> <u>ment -of</u>

<u>dule 2</u> ent 7 - Detailed

<u>dule 2,</u> ent – 7 Detailed

<u>dule 2,</u> ent 7 – Detailed

design

Relocation Project



tion of impact	Mitigation	measure	Secu	ed by numberPhas	e Reference document locationSecuring	<u>mechanism</u>				
				<u>l</u> <u>m</u>	Itation of final design for outfall and river protection works to include measures required by the EnvironmentalmAgency secured by the Environmental Permit (flood risk activities).					
	Biodiversity (App Doc common reptiles and their Ref 5.2.8), Table 5.2 - habitats due to habitat Securing Mitigation creation within the landscape masterplan and its ongoing management through the LERMP			masterplan for reptile Sensitive vegetation n line with the 1981 Act Direct benefit to repti LERMP (Appendix 8.14	nance of new habitats within the landscape species to use. nanagement strategy within the LERMP in place in	<u>Operation</u>	Figure 3.9 and Figure 3.10 Landscape, Ecological and Recreational Management Plan (LERMP) (Appendix 8.14, App Doc Ref 5.4.8.14 Section 4 Landscape, Ecological and Recreational Management Plan (LERMP)	DCO Schedule 2 Requirement 11		
				 inclusion of b south-facing bask (insolate 	irect injury or killing of reptiles; bare soil scrapes within the landscape masterplan, or slopes of earth banks suitable for reptiles to use to e), and measures to ensure habitats are sustained	<u>1</u>	<u>(Appendix 8.14, App Doc</u> <u>Ref 5.4.8.14)</u>			
1			The Outfall 2 (App Doc Ref Envi							
			<u> Design Plans – Outfall (App Doc</u>	<u>!</u> <u>@ef 4.13)</u> <u>m</u> <u>e</u> <u>n</u>				<u>(Flood risk activit</u>		
	<u>B-70</u>	ES Chapter 8: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	<u>the adoption of best availa</u> <u>techniques (BAT) to contro</u> <u>noise at source.</u> the		and its ongoing management through the LERMP Provision and maintenance of new habitats within the landscapeOperation		within the LERMP in place in line with the			
		noise impacts on breeding operation of the	ł		Table 2-10 in ES Chapter 8: Landscape, Ecological and		1981 Act			
	mechanical-e	electrical elements (such as ompressors) of the NTP and during	유 유 등		Recreational Management PlanDCO Schedule 2 Biodiversity (App Doc Ref masterplan for reptile species to use.		Direct benefit to reptiles to be			
	activities to in LERMP	mplement the posed WWTP	e ə		5.4.8.14) which is secured through a requirement in the draft DCO (App <u>Requirement 7 - Detailed</u>		realised through measures			
	operational r including con	ures to minimise noise impacts by design usideration of location, ant/equipment selections	은 #* 응	Sensiti	Doc Ref 2.1)		within the LERMP (Appendix 8-14App Doc			
	and acoustic bank and end emissions.	screening from the earth closures to reduce noise	€ € †	ve vegeta tion manag			Ref 5.4.8.14): implementation of sensitive injury or killing of reptiles; inclusion of bare soil scrape:			
	controlled un	proposed WWTP will be ader the terms of an al Permit, which requires	↓ æ ₽	ement strateg ¥			 Inclusion of bare soil scrapes slopes of earth banks suitab 5.2.8) 			



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ngement strategy that avoids direct

icape masterplan, on south-facing use to bask (insolate), and

design

Relocation Project



tion of impact Mitigation measure Secured by numberPhase Reference document locationSecuring mechanism

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Chapter 08:		Landscaping Mar	nagement	Operation	Table 2-10 in ES Chapter 8:	
BiodiversityB-	Operational noise impacts		to minimise operational noise impacts by design	A P B B B B B B B B B B B B B B B B B B	Landscape, Ecological and	
<u>80</u>	on breeding birds due to	0	eration of location, layout and plant/equipment sel	ections	Recreational Management	
ES Chapter 8:	operation of the mechanical-		eening from the earth bank and enclosures to reduce		Plan (Appendix 8.14App Doc	
Biodiversity (App Doc	electrical elements (such as		Noise at the proposed WWTP will be controlled un		Ref 5.4.8.14) which is secured	DCO Schedule 2
Ref 5.2.8) , Table 5.2 -	pumps and compressors) of		Environmental Permit, which requires the adoption		through a requirement in the	Requirement 11 – LERMP
Securing Mitigation	the proposed WWTP and		chniques (BAT) to control noise at source. Control o		draft DCOBiodiversity (App	
	during activities to	intermittent noise	e impacts associated with implementation of the L	ERMP	Doc Ref 2.1	
	implement the LERMP	through avoidance	ce of vegetation management within the landscape	5	<u>5.2.8</u>)	
		masterplan area	during bird breeding season			
Environmenta	<u>al</u>					
permit					 maintenance n 	neasures to ensure habitats a
<u>390 ES</u> Chapter 08 <u>8</u> :			CoCP Part A			
		ersity (App Doc	in respect			
		2.8), Table 5.2 -	Riparian and Aquatic			
elements (such as pumps and compress		ing <u>Mitigation</u>	Habitats			
activities to implement the LERMP	ors) of the proposed wwirp and	uuring_	specifically:			
			. ,			
Temporary and permanent removal of o			Section 7.2, CoCP Part A (Appendix 2.1, App Dot	· · · · · · · · · · · · · · · · · · ·		
Biodiversity Mitigation hab			through a requirement of the draft DCO (App D	oc Ret 2.1)		
open cut ditch crossings; and permanen	it loss due to the landscaping and	structural				
proposals	_		Landscape, Ecological and Recreational Manage			
			8.14, App Doc Ref 5.4.8.14) which is secured the	rougn a requirement in		
			the draft DCO (App Doc Ref 2.1)			
Code of Construction Practice		Construction				
		<u>1 Para 4.4.4, and</u>				
A		conservation				
Management of construction activities						
CoCP Part A described within the CoCP						
		.1, App Doc Ref				
5.4.2.1, 5.4.2.2) in particular section 4.4 5.4.2.1) Contractor(s) to produ						
	•					
during construction in relation to minim	measures applied	o.				
		n <u>3 CoCP Part B</u>				
are:		2.1, App Doc Ref				
ile.	(Appendix)	2.1, App Doc Ker	<u>∗ 5</u>			
.4.2.2) • limiting any permanen	t crossing of ditches to a		2			
maximum width of Hedgerow and						
6m;	č					
the implementation of						
 the implementation of 						
measures set out under section 7.2 of the						
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permanent loss due to the

landscaping and structural

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<u>5.4.8.14)</u>

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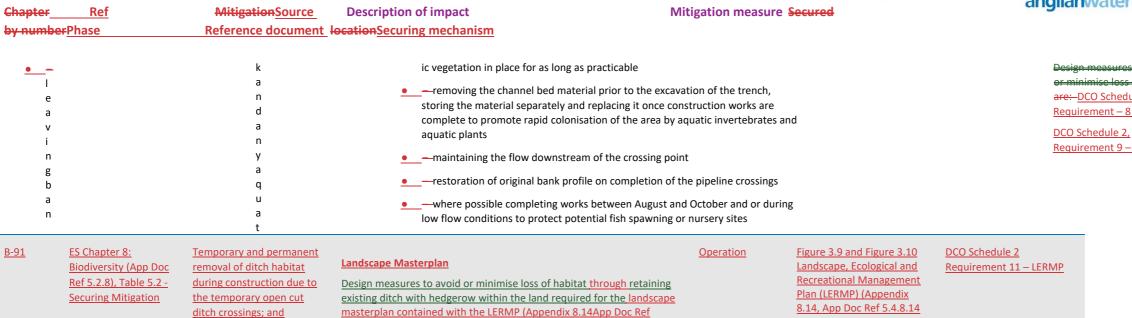
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Chapter 08:	Table 5.2 - Securing	Removal of habitats in relation to temporary	Habitats removed to be replaced by plantings of habitats of higher	Section 7.2, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) secu
Biodiversity	Mitigation	and permanent use of the land (such as for	ecological value in line with landscape masterplan within the LERMP	through a requirement of the draft DCO (App Doc Ref 2.1)
		laydown areas, open cut trenching, HDD drilling, construction compounds, proposed WWTP and associated access) resulting in habitat loss, fragmentation and severance of wildlife corridors	(Appendix 8.14App Doc Ref 5.4.8.14). Management of construction activities will be through measures as described within the CoCP Part A and B - (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 which requires the Principal Contractor(s) to produce a CEMP. The best practice measures applied during construction in relation to minimising impacts to terrestrial habitats are:	Landscape, Ecological and Recreational Management Plan (Appe App Doc Ref 5.4.8.14) which is secured through a requirement in DCO (App Doc Ref 2.1)
			 the specification for the use of trenchless techniques used to avoid disturbance and damage to habitats wherever possible the delineation of working areas prior to the commencement of construction and until works are complete to prevent damage to the surrounding habitats. the implementation of tree/hedgerow protection measures which are shown on the Tree Protection Plans within the Arboricultural Report (Appendix 8.17, App Doc Ref 5.4.8.17). the implementation of measures set out under section 7.4 of the CoCP Part A in respect of Soil Management and in the Outline Soil Management Plan (Appendix 6.3, App Doc Ref 5.4.6.3) which will ensure the rapid and effective reestablishment of habitats especially hedgerows 	



Design measures to avo or minimise loss of habit are: DCO Schedule 2, Requirement - 8 CoCP

Requirement 9 – CEMP

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oendix 8.14, in the draft





lapter	Ref	MitigationSource	Description of impact	Mitigation measure	Secured by numberPhase	Reference document
cation Secu	ring mechanism					
	ES Chapter 8: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	Temporary and permanent removal of ditch habitat during construction due to the temporary open cut ditch crossings; and permanent loss due to the landscaping and structural proposals	Outfall Design <u>Designing outfall and chamber to allow reinstatement of ditch p</u> <u>River Cam to same profile_creation</u>	<u>Operation</u> barallel to	ES Chapter 2:Project Description Para 2.12.4 (App Doc Ref 5.2.2) Design Plans – Outfall (App Doc Ref 4.13) BNG Report (Appendix 8.13App Doc Ref 5.4.8.13)	DCO Schedule 2 Requirement 7 - Detailed design DCO Schedule 2 Requirement 10 Outfall management and monitoring plan
					Outline Outfall Management and Monitoring Plan (App Doc Ref 5.4.8.24)	
<u>B-92</u>	ES Chapter 8: Biodiversity (App Doc Ref 5.2.8) , Table 5.2 - Securing Mitigation	Temporary and permanent removal of ditch habitat during construction due to the temporary open cut ditch crossings; and permanent loss due to the landscaping and structural proposals	Ditch Creation Creation of new up to 3.65km of new ditch habitat as described Appendix C of the BNG Report (Appendix 8.13App Doc Ref 5.4.8		BNG Report (Appendix 8.13App Doc Ref 5.4.8.13) ES Chapter 8 Table 2-11 (App Doc Ref 5.2.8)	DCO Schedule 2 Requirement 7 - Detailed design
temporary land (such cut trench constructia WWTP and access) ress fragmenta wildlife co Landscape Operation Figure 3.9 Schedule 2	and Figure 3.10 DCC	habitats of higher € ŧ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷		ational Management ecologi ▲ #	Plan (LERMP) (Appen designing outfall a: to allow reinstaten parallel to River Ca profile creation of new up of new ditch habits described in	nd chamber tent of ditch m to same - to 3.65km

c Ref





Chapter<u>Ref</u>		MitigationSource	Description of impact	Mitigation measure	Secured by numberPhas	e Reference document
locationSecuring me	echanism					
	ty (App Doc , Table 5.2 -	Removal of habitats in relation to temporary and permanent use of the land (such as for laydown areas, open cut trenching, HDD drilling, construction compounds, proposed WWTP and associated access) resulting in habitat loss, fragmentation and severance of wildlife corridors	 Code of Construction Practice Management of construction activities will be through measures as described within the CoCP Part A and B_ in particular Part A section 4 which requires the Principal Contractor(s) to produce a CEMP. The be practice measures applied during construction in relation to minimisit impacts to terrestrial habitats are: the specification for the use of trenchless techniques used to avoid disturbance and damage to habitats wherever possible the delineation of working areas prior to the commencement construction and until works are complete to prevent damage the surrounding habitats. the implementation of tree/hedgerow protection measures which are shown on the Tree Protection Plans within the Arboricultural Report (Appendix 8.17, App Doc Ref 5.4.8.17). the implementation of measures set out under section 7.4 or the CoCP Part A in respect of Soil Management and in the Outline Soil Management Plan (Appendix 6.3, App Doc Ref 5.4.6.3) which will ensure the rapid and effective reestablishment of habitats especially hedgerows 	<u>e</u> <u>p</u> <u>p</u> <u>e</u> <u>nt of</u> <u>ge to</u>	Sections 4.4 Para 4.4.4, 7.2 (Nature conservation and ecology) and Section 7.4 (Land Quality) CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Outline Soil Management Plan (Appendix 6.3, App Doc Ref 5.4.6.3)	DCO Schedule 2, Requirement – 8 CoCP DCO Schedule 2, Requirement 9 – CEMP
B-95 ES Chapter DCO Schedu		Table 5.2 - Securing	Removal of habitats during C	Code of Construction Pract	ice Construction S	ections 4.4 (CEMP) Para
Biodiversit	ty (App Doc	the temporary use <u>of land</u>	Best practice measures to operate in compliance with the 1981 Act as	s	4.4.4, and 7.2 (Nature	Requirement – 8 CoCP
<u>Ref 5.2.8), Table 5.2 - Bic</u>		Mitigation		of land f	or the construction of the Wate	erbeach
conservation Securing N	and ecology)	Waterbeach pipeline	appropriate:	through a require	ement of the draft DCO (App Do	c Ref 2.1) DCO Schedule 2,
Securing N	mugauon					<u>Requirement 9 – CEMP</u>
			pre works check by suitably experienced ecologist _	pipelii	ne <u>CoCP Part A (Appendix 2.1,</u> App Doc Ref 5.4.2.1)	

best practice vegetation clearance methods



Chapter	Ref	MitigationSource	Description of impact	Mitigation measure	Secured by numberPhase	Refe
document 4	ocationSecuring mec	<u>hanism</u>				
Chapter 08: Biodiversity<u>B-</u> 96	ES Chapter 8: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	Removal of habitats during the temporary use of land for the construction of the Waterbeach pipeline	 MinimisingCode of cConstruction working width; PracticeReinstatement of areas temporarily disturbed during construction Management of construction activities will be through measures as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Dor Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 which requires the Prince Contractor(s) to produce a CEMP. The best practice measures applied uring construction in relation to minimising impacts to terrestrial habitats are: 	ipal	Sections 7.2,4.4 (CEMP) Para 4.4.4, and 7.2 (Nature conservation and ecology) CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1)	DCO Schedule Requirement DCO Schedule Requirement including a de management must accord v measures set
			 the specification for the use of trenchless techniques used t avoid disturbance and damage to habitats wherever possibl the delineation of working areas prior to the commencement of construction and until works are complete to prevent damage to the surrounding habitats. 	e	<u>Tree Protection Plans within</u> <u>the Arboricultural Report</u> (Appendix 8.17, App Doc <u>Ref 5.4.8.17).</u>	<u>outline soil ma</u> <u>plan</u>
			Minimising construction working width Reinstatement of areas temporarily disturbed during <u>construction</u> the implementation of tree/hedgerow protection measures		Landscape, Ecological and Recreational <u>Outline Soil</u> Management Plan (Appendix 8.14<u>6.3</u>,	
			 which are shown on the Tree Protection Plans within the Arboricultural Report (Appendix 8.17, App Doc Ref 5.4.8.17) the implementation of measures set out under section 7.4 of the CoCP Part A in respect of Soil Management and in the Outline Soil Management Plan (Appendix 6.3, App Doc Ref 	l.	App Doc Ref 5.4.8.14) which is secured through a requirement in the draft DCO (App Doc Ref 2.15.4.6.3)	
			 5.4.6.3) which will ensure the rapid and effective reestablishment of habitats especially hedgerows. 		2.1 <u>2</u>)	
	Chapter 08 <u>8</u> : Biodiversity (App Doc	Table 5.2 Securing	Potential surface water <u>Operating Practices</u>			
Mitiga	tion <u>Ref 5.2.8), Table 5.2</u>	Pond CWS due to spills and lease to spills and lease to spill and lease to spill and lease to spill a spill	Operation in accordance with environmental permit for the propose aks within the WWTP including implementation of EMS which will inclu		Approval and implementati on of a	
	ecuring Mitigation		proposed WWTP migrating beyond the siteleaks within the proposed - controls, spill control measures, emergency response		Construction <u>e</u> Environmen	
p	procedures	- <u>WWTP migrating beyond</u>			tal M<u>m</u>anageme nt Plan	
		<u>the site</u>		he proposed ES equirement 15 –	secured t hrough a requirement of the draft DCO-(App	
	Operation, Operati	onal	Drainage		Doc Ref 2.1).	

Environmental Permit will include conditions requiring management systems to cover pollution prevention and emergency

responses.



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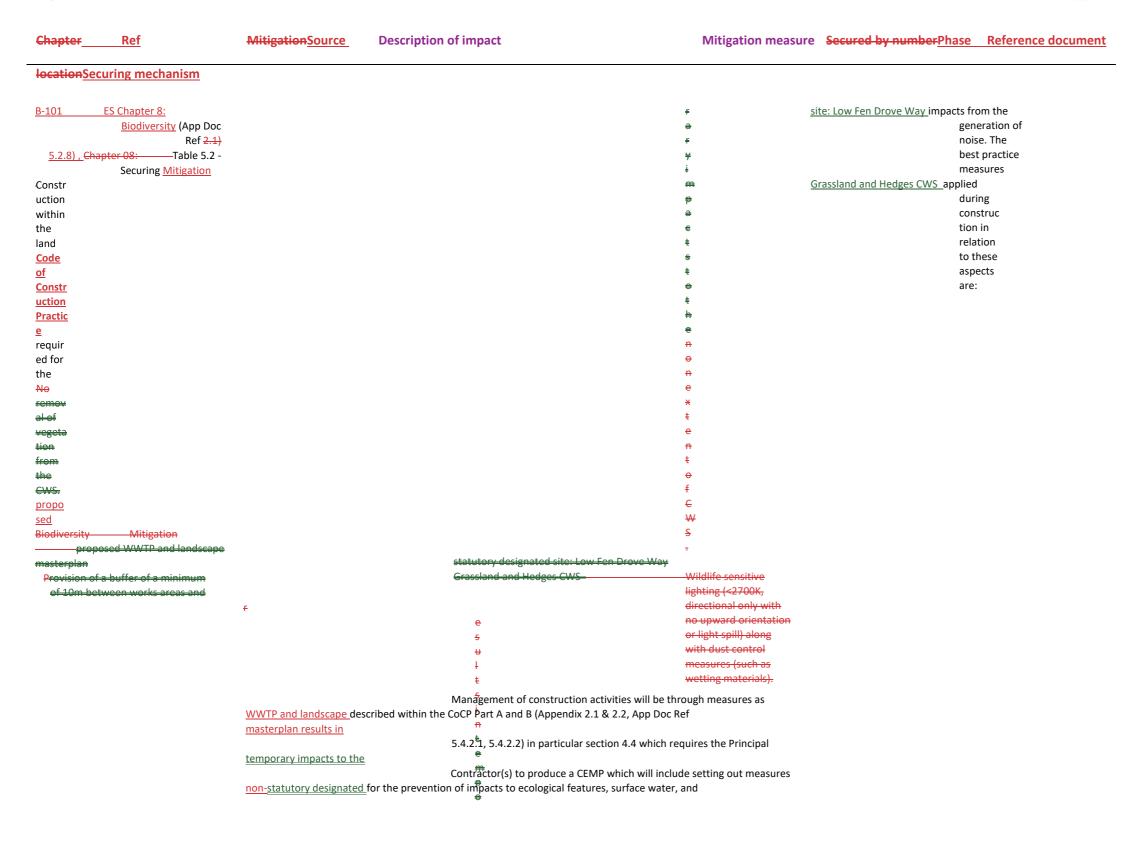
Chapter	Ref	MitigationSource	Description of i	mpact	Mitigation measure	Secured by numberPhase	Reference document
locationSe	curing mechanism						
	<u>5.2.2)</u>					Drainage strate	gy (Appendix
Chapter 08: Biodiversity	Table 5.2 Securing Mitigation	Temporary disturbance of associated habitat due to noise, use of temporary lig clearance, excavation and in proximity	the combination of ghting, land	Management of impacts to badger as a result of are through measures as described within the (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2 4.4 which requires the Principal Contractor(s) of setting out measures for the prevention of imp ecological features. The CEMP will include require practice measures during construction to prev- including:	CoCP Part A and B 2) in particular section in produce a CEMP pacts including to airements to apply best	Section 7.2, CoCP Part A (Appen through a requirement of the d	ndix 2.1, App Doc Ref 5.4.2.1) sec Iraft DCO (App Doc Ref 2.1)
				 completion of pre-works checks across the WWTP (due to badgers being considered checking of works areas (pipe storage lock signs of badger / trapped animals 	a mobile species);		
						20.12, App Doc 5.4.20.12) whic	Ref h is secured through a requireme
<u>B-98</u>	ES Chapter 088: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	Potential surface water impacts at Allicky Farm Pond CWS due to spills and leaks within the proposed WWTP migrating beyond		e system in areas of potential contamination with quired by the surface water drainage strategy	<u>Operation</u> <u>n the</u>	<u>Drainage strategy (Appendix</u> 20.12, App Doc Ref 5.4.20.12)	DCO Schedule 2 Requirement 7 – Detailed design DCO Schedule 2 Requirement 15 – Drainage
B-99	ES Chapter 8:	the site Temporary disturbance of	Code of Constructio	n Practice	Construction	Sections 4.4 (CEMP) Para	Requirement 15 – Drainage DCO Schedule 2,
	Biodiversity (App Doc	badger sett and associated				4.4.4, and 7.2 (Nature	Requirement – 8 CoCP
	<u>Ref 5.2.8), Table 5.2 -</u> <u>Securing Mitigation</u>	<u>habitat due to the</u> <u>combination of noise, use of</u> <u>temporary lighting, land</u> <u>clearance, excavation and</u> <u>presence of people in</u> <u>proximity</u>	are through measur which requires the F measures for the pr The CEMP will include during construction <u>completion</u> <u>WWTP (dur</u> checking of	pacts to badger as a result of construction activiti es as described within the in particular section 4 Principal Contractor(s) to produce a CEMP setting evention of impacts including to ecological feature de requirements to apply best practice measures to prevent impacts to badger including: of pre-works checks across the Existing Cambrid e to badgers being considered a mobile species); works areas (pipe storage locations, excavations) areas to prevent access by badger	<u>1.4</u> <u>g out</u> res. lge	<u>conservation and ecology)</u> <u>CoCP Part A (Appendix 2.1,</u> <u>App Doc Ref 5.4.2.1)</u>	<u>DCO Schedule 2,</u> <u>Requirement 9 – CEMP</u>
<u>B-100</u>	ES Chapter 8: Biodiversity (App Doc Ref 5.2.8), Table 5.2 - Securing Mitigation	Construction within the land required for the proposed WWTP and landscape masterplan results in temporary impacts to the non-statutory designated site: Low Fen Drove Way Grassland and Hedges CWS	Landscape Masterp	lan le removal of vegetation from the CWS. ion of a buffer of a minimum of 10m between we	Operation orks	Figure 3.9 and Figure 3.10 Landscape, Ecological and Recreational Management Plan (LERMP) (Appendix 8.14, App Doc Ref 5.4.8.14)	DCO Schedule 2, Requirement –10 LERMP



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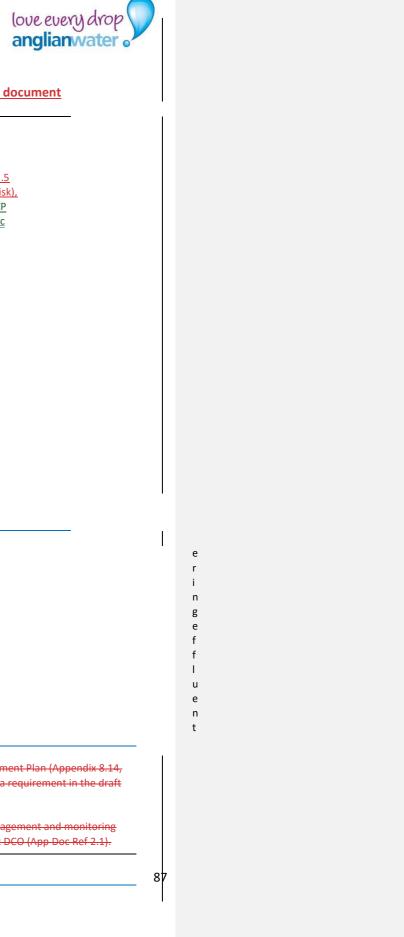
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Chapter F	<u>Ref</u>	MitigationSource	Description of in	npact	Mi	tigation measur	e Secured by I	numberPhase	Reference document
locationSecurin	g mechanism								
		i r	– —req		rks access through existing pat	hways		4.4.4, and 7.2 (N conservation an	d ecology) ,7 .5
		e t h	– —req	ss the CWS uires the provision of a n works areas and exte	buffer of a minimum of 10m ent of CWS.			(Water resource 7.7 (Noise and v Part A (Appendiz Ref	ibration) CoCP
		p r			CoCP Part A, Section water and flood risk	which includes		<u>5.4.2.1)</u>	
		h i b i			a number of measur reflected within the Water Quality Mana (WQMP) appended the CEMP, including	construction agement Plan to/as part of	DCO Schedule 2,	Lighting Design S (Appendix 2.5, A 5.4.2.5).	
		t i o n			to:	minimising the	Requirement – 8 C PCQSchedwle 2ch Requirement 9 - 6	ing controlled wate EMPpollution incide	rrs ents;
		o f v			- f reaching controlled waters (d	management o	DCO Schedule 2 f <u>Bequiteringstol fhe</u> lighting	<u>Constaintinents of</u>	the
		g e t a	<u>– mana</u> Envi 'Tempo	gement of dewatering ronment Agency regula rary dewatering from e	ent pollution incidents; and to meet requirements of the atory position statement (RPS) excavations to surface water' o nichever applies to the activity.				
		t			Sections 4.4 (CEMP) Para				
			e a t						
			i n g						
			d e w a t						
•	Table 5.2 Securing Mitigation	Construction within the land proposed WWTP and landse results in temporary impacts	Frequired for the ape masterplan	described within the C	ruction activities will be throug CoCP Part A and B (Appendix 2) particular section 4.4 which re	. <u>1 & 2.2, App Doc</u>		.8.14) which is secu	onal Management Plan (Appe ired through a requirement in
		nonstatutory designated site Way Grassland and Hedges (combination of noise, emissi	2: Low Fen Drove SWS due to a		to produce a CEMP which will ention of impacts to ecological		Approval and in	plementation of a	detailed management and mo
			-	securing of area	s to prevent access by badger			- •	





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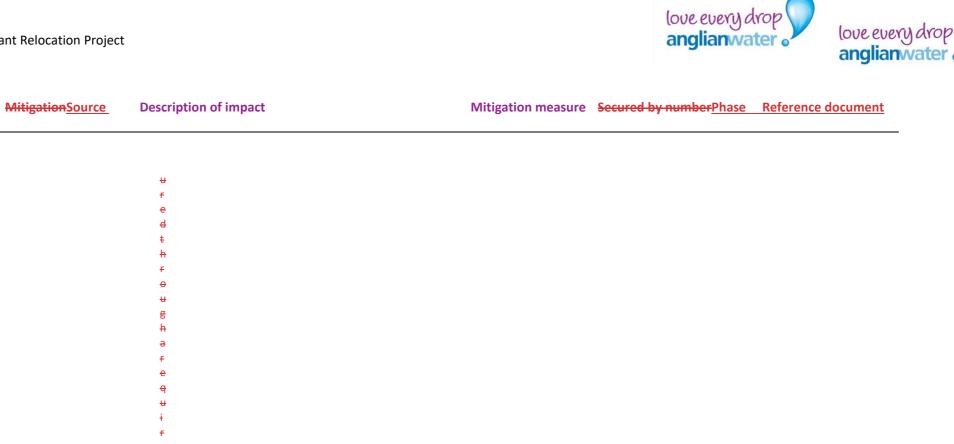
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Chapter Ref MitigationSource Description of impact Mitigation measure Secured by numberPhase Reference document

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<u>B-</u> <u>ES</u> Chapter Construction within the land		Construction	Sections 4.4	DCO Schedule
B- ES Chapter Construction within the land 102 098: required for the proposed WWTP Biodiversity and landscape masterplan results (App Doc in temporary impacts to the non- Ref 5.2.8), statutory designated site: Low Fen Table 5.2 - Drove Way Grassland and Hedges Securing CWS due to a combination of Mitigation noise, emissions to air, use of temporary lighting, land clearance and presence of people.	Code of Construction Practice Management of construction activities will be through measures as described within the CoCI Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 which requires the Principal Contractor(s) to produce a CEMP which will include setting out measures for the prevention of impacts to ecological features, surface water, and impacts from the generation of noise. The best practice measures applied during construction in relation to these aspects are: —Wildlife sensitive lighting (<2700K, directional only with no	2	(CEMP) Para 4.4.4, and 7.2 (Nature conservation and ecology),7 .5 (Water resource and flood risk), 7.7 (Noise and	DCO Schedule 2, Requirement – 8 CoCP DCO Schedule 2, Requirement 9 – CEMP DCO Schedule 2
	 upward orientation or light spill) along with dust control measures (such as wetting materials); <u>CoCP Part A, Section 7.2, Ecology and nature conservation, and Part B, section 3.3</u> <u>which</u> 		vibration) CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)	Requirement 14 = Construction lighting
	 <u>require the prohibition of vegetation removal from the CWS</u> <u>requires the routing of works access through existing pathways that cross the CWS</u> <u>requires the provision of a buffer of a minimum of 10m between works area and extent of CWS.</u> 	_	Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5).	
	 <u>COCP Part A, Section 7.5, Surface water and flood risk which includes a number of measures to be reflected within the construction Water Quality Management Plan (WQMP) appended to/as part of the CEMP, including requirements to:</u> <u>minimising the risk of runoff reaching controlled waters (ditches and watercourses) to prevent pollution incidents; and</u> 			
	<u>management of dewatering to meet requirements of the Environment Agency</u> <u>regulatory position statement (RPS)</u> <u>'Temporary dewatering from excavations to surface water' or Environmental Permit</u> <u>whichever applies to the activity. Including treating dewatering effluent prior to</u> <u>discharge and control of dewatering discharges to prevent scour</u>	=		
CoCP. Part A Section 7.2 Ecology and	 <u>CoCP Part A, Section 7.7, Noise and vibration which requires the application of best practicable measures (BPM) as defined by the Control of Pollution Act 1974 (CoPA) a the Environmental Protection Act 1990 (EPA) for the control of noise. These</u> 	-		
require the prohibition of vegetal	· · ·			

of CWS.

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	CoCP Part A, Section 7.5, Surface wi	ater and flood risk which includes a number of measures					
	to be reflected within the construct	ion Water Quality Management Plan (WQMP) appended					
	to/as part of the CEMP, including re	quirements to:					
	— minimising the risk of runoff re	aching controlled waters (ditches and watercourses) to					
	prevent pollution incidents; an						
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	_	management of dewatering to meet requirements of the					
		Environment Agency regulatory position statement (RPS)					
		'Temporary dewatering from excavations to surface water'					
		or Environmental Permit – whichever applies to the					
		activity. Including treating dewatering effluent prior to					
		discharge and control of dewatering discharges to prevent					
		scour					
÷	CoCP Part A. Section 7.7. Noise and	vibration which requires the application of best practicable					
_	measures (BPM) as defined by the						
	Control of Pollution Act 1974 (CoPA) and the Environmental Protection Act 1990 (EPA) for						
		is are to be reflected within the Noise and Vibration					
	Management Plan (NVMP) appended to/as part of the CEMP.						

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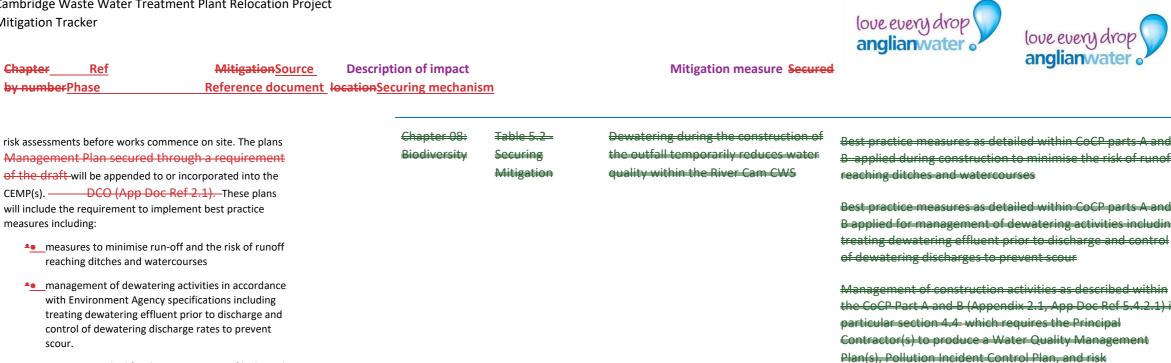
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measures including:

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measures applied for the management of leaks and spillages such as use of drip trays and provision of spill kits

will include the requirement to implement best practice

reaching ditches and watercourses

requirement for the safe storage and handling of potentially contaminating materials including fuels and oils in accordance with the Control of Pollution (Oil Storage) (England) Regulations 2001 and Dangerous Substances and Explosive Atmospheres Regulations 2002.

requirement for refuelling of machinery to be undertaken within designated areas (unless

Section 3.1 – 3.3 CoCP Part B (App Doc Ref 5.2.2.2) DCO Schedule 2, Requirement - 8 CoCP

and flood risk), CoCP Part A (Appendix 2.1, App Doc Ref

<u>5.4.2.1)</u>

Sections 4.4 (CEMP) Para 4.4.4, and 7.2 (Nature conservation and ecology), and 7.5 (Water resource

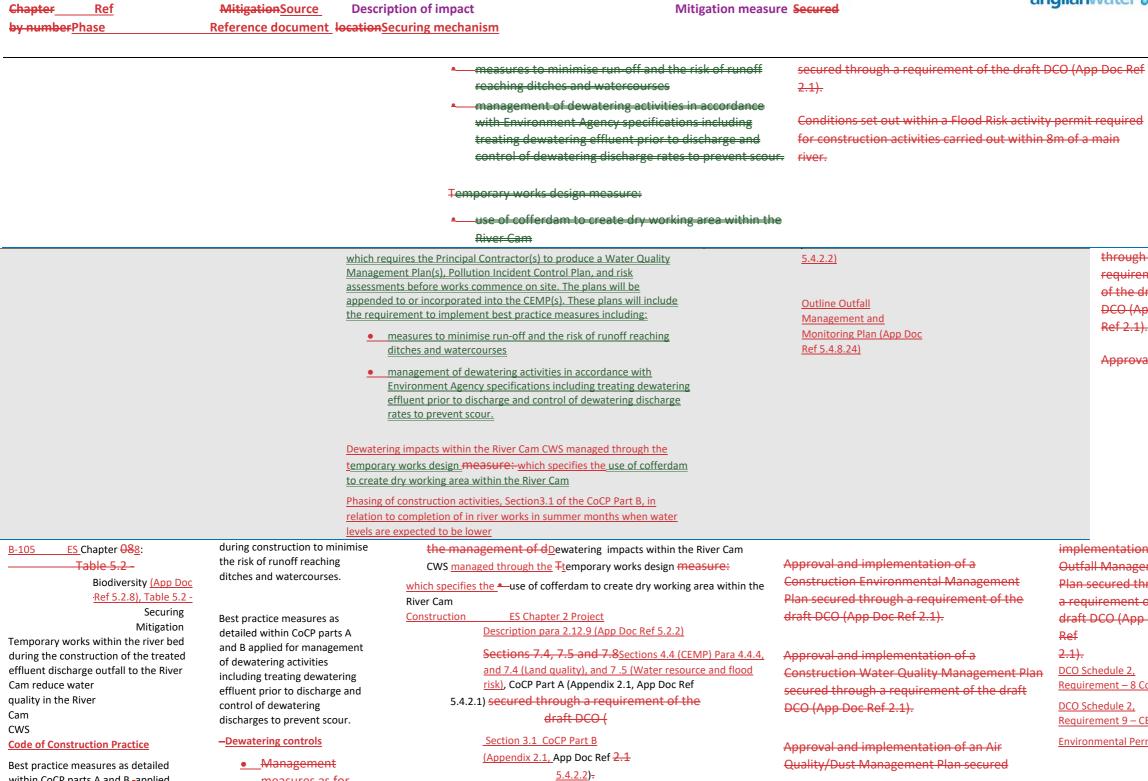
<u>B</u>	<u>-104</u>	<u>Chapter 08:</u> <u>Biodiversity</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	<u>Dewatering during the</u> <u>construction of the outfall</u> <u>temporarily reduces water</u> <u>quality within the River Cam</u> <u>CWS</u>	<u>Code of Construction Practice</u> <u>Best practice measures as detailed within CoCP parts A and B_applied</u> <u>during construction to minimise the risk of runoff reaching ditches and</u> <u>watercourses</u>	<u>Construction</u>	Sections 4.4 (CEMP) Para 4.4.4, and 7.2 (Nature conservation and ecology), and 7.5 (Water resource and flood risk), CoCP Part A (Appendix 2.1, App Doc Part	<u>DCO Schedule 2,</u> <u>Requirement – 8 CoCP</u> <u>DCO Schedule 2,</u> <u>Requirement 9 – CEMP</u>
				Best practice measures as detailed within CoCP parts A and B applied for management of dewatering activities including treating dewatering effluent prior to discharge and control of dewatering discharges to prevent scour		(Appendix 2.1, App Doc Ref 5.4.2.1) ES Chapter 2 Project Description para 2.12.9 (App Doc Ref 5.2.2)	DCO Schedule 2, Requirement 10 –Outfall management and monitoring plan
				Management of construction activities as described within the CoCP Part <u>A and B (Appendix 2.1, App Doc Ref 5.4.2.1) in particular section 4.4</u>		Section 3.1 CoCP Part B (Appendix 2.1, App Doc Ref	Environmental Permit
		pressly stated within the CE on be more easily contained	, , ,	DCO Schedule 2, Requirement 9 – CEMP			

Best practice measures as detailed within CoCP parts A and B applied during construction to minimise the risk of runoff reaching ditches and watercourses	Sections 7.4, 7.5 and 7.8, CoCP Part A (Appendix 2.1, Ref 5.4.2.1) secured through a requirement of the dr (App Doc Ref 2.1).
Best practice measures as detailed within CoCP parts A and B applied for management of dewatering activities including treating dewatering effluent prior to discharge and control of dewatering discharges to prevent scour	Approval and implementation of a Construction Envi Management Plan secured through a requirement of DCO (App Doc Ref 2.1).
Management of construction activities as described within the CoCP Part A and B (Appendix 2.1, App Doc Ref 5.4.2.1) in particular section 4.4- which requires the Principal Contractor(s) to produce a Water Quality Management	Approval and implementation of a Construction Wat Management Plan secured through a requirement of DCO (App Doc Ref 2.1).
Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will include the requirement to implement best practice measures including:	Approval and implementation of an Air Quality/Dust Management Plan secured through a requirement of DCO (App Doc Ref 2.1).
P. 464.66	Approval and implementation of an Uliffall Manager

within CoCP parts A and B -applied

measures as for







through a requirement of the draft DCO (App Do Ref 2.1).

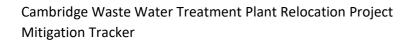
Approval and

implementation of an **Outfall Management** Plan secured through a requirement of the draft DCO (App Doc

Requirement – 8 CoCP Requirement 9 – CEMP **Environmental Permit**



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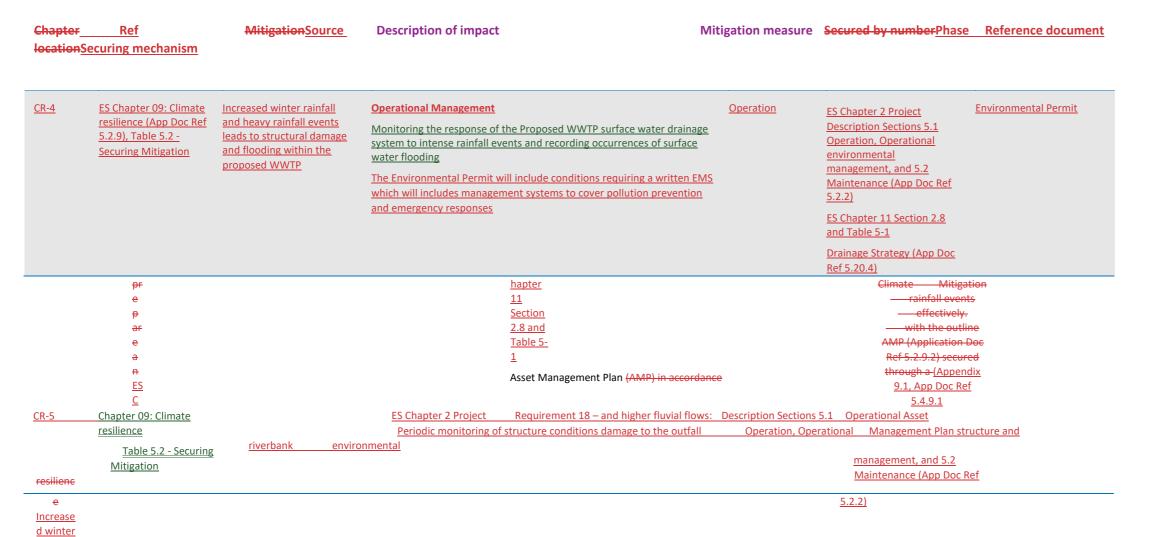


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which will includes management systems to cover pollution prevention manage ment.	Management pl. conditions	plans and business			<u>Oper</u> onal envir	<u>perati</u> al viron		(App Doc Ref	
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Chapter<u>Ref</u> MitigationSource Description of impact Mitigation measure **Reference document location**Securing mechanism

<u>CR-6</u>	<u>Chapter 09: Climate resili</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>		seasonal	Operational Management Controlled through operational asset inspection and repair programme including period asset inspections	<u>Operation</u>	ES Chapter 11 Section 2.8, and Table 5-1 ES Chapter 2 Project Description Sections 5.1 Operation, Operational environmental management, and 5.2 Maintenance (App Doc Ref 5.2.2) ES Chapter 11 Section 2.8, and Table 5-1 Asset Management Plan (Appendix 9.1, App Doc Ref 5.4.9.1	Requirement 18 – Operational Asset Management Plan	Inserted Cells Inserted Cells Inserted Cells Inserted Cells Inserted Cells Inserted Cells Inserted Cells
Climate (resilience <u>CR-</u> T	Climate resilience, ra Table 5.2 - Securing ev	ainfall and heavy rainfall vents : biodiversity aitigation habitats	wator	Operational Management Inspection and maintenance regime to keep pipes clear and operatin effectively.	<u>Operation</u>	Detailed surface water drainage design will comply with the Drainage Strategy (Appendix 20.12, App Doc Ref 5.4.20.12). This includes the requirement for drainage to accord with requirements set out within The Environment Agency's Approach to Groundwater Protection, Feb 2018-ES Chapter 2 Project (Version 1.2) secured through a requirement of the draft DCODescription Sections 5.1 Operation, Operational environmental management, and 5.2 Maintenance (App Doc Ref 2.1 5.2.2) ES Chapter 11 Section 2.8, and Table 5-1	Requirement 18 – Operational Asset Management Plan	Deleted Cells
<u>CR-8</u>	ES Chapter 09: Climate resilience, Table 5.2 - Securing Mitigation	Increased winter rainfall and heavy rainfall events: biodiversity mitigation habitats	<u>Surfac</u> (Apper for dra Enviro (Versio	e water drainage design in accordance with the Drainage Strategy ndix 20.12, App Doc Ref 5.4.20.12). This includes the requirement ainage to accord with requirements set out within The inment Agency's Approach to Groundwater Protection, Feb 2018 on 1.2)	<u>Operation</u>	Drainage Strategy (Appendix 20.12, App Doc Ref 5.4.20.12).	DCO Schedule 2 Requirement 15 – Drainage	
<u>CR-9</u>	ES Chapter 09: <u>Climate</u> heavy rainfall <u>events:</u>	Table 5.2 - Securing Ecological and Recreat	tional	ed winter rainfall <u>Operational Management</u> Operation <u>Requirement 11 – LERMP</u> enance, repair and replanting of seasonal ponds	Section 4 Landscap	be, DCO Schedule 2 resilier	<u>ice, Table 5.2 -</u> and	- 103



Description of impact

Mitigation measure

Chapter<u>Ref</u> MitigationSource



Secured by numberPhase

Reference document locationSecuring mechanism Approval and implementation of a detailed management and monitoring Securing Climate Mitigation events: biodiversity mitigation habitats Management Plan (LERMP) plan secured to comply with LERMP secured through a requirement of the habitats draft DCO (App Doc (Appendix 8.14, resilience Ref 2.1) 5.4.8.14 Chapter ES Chapter 09: Climate Reduced summer rainfall Landscape Masterplan Pre-construction LERMP secured through a DCO Schedule 09: and increased drought requirement of the draft resilience, Table 5.2 -**Requirement** Diversity of species in final planting specification Climate DCO (App Doc Ref 2.1) Securing Mitigation conditions: biodiversity resilience mitigation habitats Section 4 Landscape, <u>CR-10</u> **Ecological and Recreational** Management Plan (LERMP) Approval and implementation of a detailed management and monitoring plan secured to comply with LERMP secured through a requirement of the draft DCO ((Appendix 8.14, App Doc Ref 2.1)5.4.8.14 <u>CR-11</u> ES Chapter 09: Climate -Table 5.2 - Securing Reduced summer rainfall Landscape Masterplan Operation Figure 3.9 and Figure 3.10 DCO Schedule 2 resilience, Table 5.2 -Landscape, Ecological and Requirement 11 – LERMP _and increased drought Creation of the seasonal ponds to retain rainwater in the summer LERMP secured through a requirement of the draft DCO (App Doc Ref 2.1) Securing Climate Mitigation drought conditions: biodiversity **Recreational Management** mitigation resilience habitats Plan (LERMP) (Appendix 8.14, App Doc Ref 5.4.8.14 Section 4 Landscape, **Ecological and Recreational** Management Plan (LERMP) (Appendix 8.14, App Doc <u>Ref 5.4.8.14</u> <u>CR-12</u> ES Chapter 09: Climate Reduced summer and Landscape Masterplan Pre-construction DCO Schedule 2 Figure 3.9 and Figure 3.10 Requirement 11 – LERMP resilience, Table 5.2 rainfall and increased Landscape, Ecological and Drought tolerant species selection Securing Mitigation winter rainfall: tree planting **Recreational Management** Adaptive management to consider how future wooded areas and new Plan (LERMP) (Appendix planting will be watered. 8.14, App Doc Ref 5.4.8.14 Section 4 Landscape, **Ecological and Recreational** Management Plan (LERMP) (Appendix 8.14, App Doc Ref 5.4.8.14



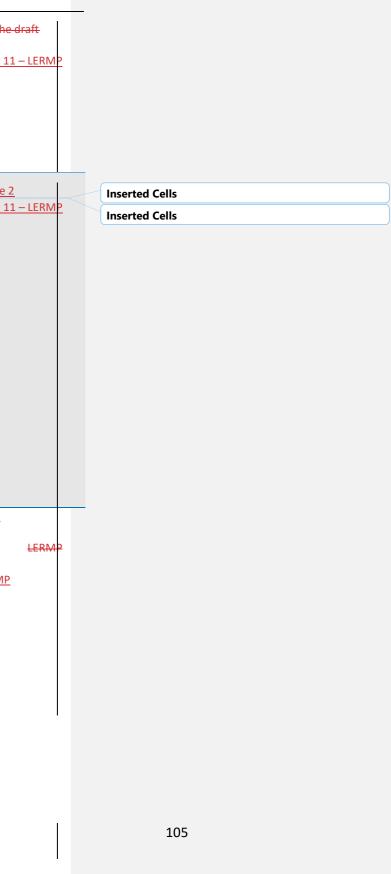
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<u>11 – LERMP</u>	Inserted Cells	



· ·	f <mark>Mitigation</mark> Source nce document lo	Description of impact cationSecuring mechanisn	5	ecured by number <u>Phase</u>	<u>e</u>	
	ES Chapter 09: Climate) Operation resilience, Table 5.2 – Securing Mitigation	Reduced summer and Approv Section 4 Landscape, rainfall and increased winter rainfall: tree planting	al and implementation of a d Detailed m <u>M</u> anagement and m <u>M</u> onitor DCO Schedule 2 Adaptive management to consider how future wooded areas and n planting will be watered.		with LERMP secured through a re Ecological and Recreational Management Plan (LERMP)	equirement of the Requirement 1
					(<u>Appendix 8.14, App Doc</u> Ref 2.1)<u>5.4.8.14</u>	
Chapter 09: Climate resilience CR-14	ES Chapter 09: Climate resilience, Table 5.2 Securing Mitigation	Reduced summer and rainfall and increased winter rainfall:drought conditions: landscaping and tree planting	Drought tolerant species selection Landscape Masterplan Species diversity and choice of drought resilient tree species. AdaptiveLandscape mManagement to consider how futurePlan to replace dieback of wooded areas and new planting will be watered tree species that thrive in future climates locally	<u>Operation</u>	LERMP secured through a requirement of the draft DCO (App Doc Ref 2.1) Figure 3.9 and Figure 3.10 Landscape, Ecological and Recreational Management Plan (LERMP) (Appendix 8.14, App Doc Ref 5.4.8.14 Section 4 Landscape, Ecological and Recreational Management Plan (LERMP) Approval and implementation of a detailed management and monitoring plan secured to comply with LERMP secured through a requirement of the draft DCO ([Appendix 8.14, App Doc Ref 2.1)5.4.8.14	DCO Schedule Requirement 1
<u>CR-15</u>	ES Chapter 09: <u>Climate</u> – Section 4 Landscape,	Table 5.2 Securing DCO Schedule 2	Reduced summer rainfall <u>Detailed Ma</u>	anagement and Monitoring	plan (LERMP) ity and choice of drought resilier	<u>Operation</u>
Ecological and	d Recreational Climate	and increased <u>drought</u> draft DCO (App Doc Ref 2.1) Mitigation-	Landscape Management Plan to replace dieback of wooded area w	drought conditio	ns: landscaping and tree <u>Require</u>	
	Securing Mitigation	conditions: landscaping and tree planting	tree species that thrive in future climates locally		Management Plan (LERMP) (Appendix 8.14, App Doc	
			Approval and implementation of a detailed management and moni resilience planting tree species that thrive in future climates comply with LEDAD secured through a requirement of the draft DC	locally Ref 5.4.8.14 plan	plan secured to	

comply with LERMP secured through a requirement of the draft DCO (App Doc Ref 2.1)







Secured by numberPhase

 ChapterRef
 MitigationSource
 Description of impact

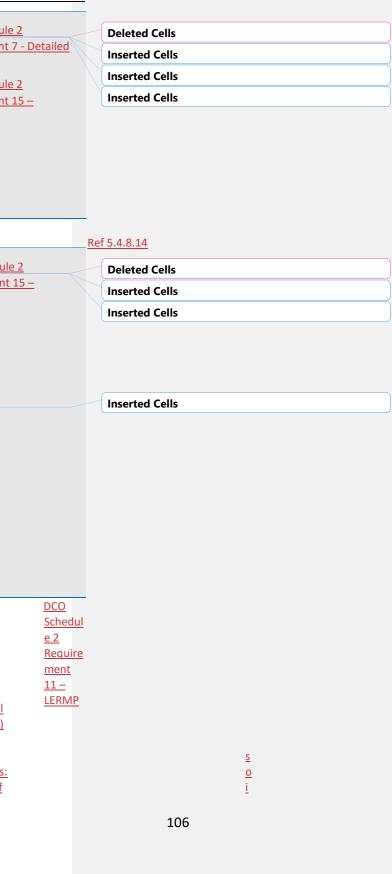
 Reference document
 locationSecuring mechanism

Chapter 09: Climate Chapter 09: Climate Reduced summer rainfall and increased drought conditions: landscaping and tree planting Transfer of rainwater collected Surface Water Drainage Design Operation Drainage Strategy Design CR-16 Table 5.2 - Securing Mitigation Table 5.2 - Securing and tree planting Reduced summer rainfall and increased drought conditions: landscaping and tree planting Transfer of rainwater collected within the earth bank to the drainage retwork in the landscaped area Transfer of rainwater collected within the earth bank to the drainage network in the landscaped area Ref 5.4.20.12). Ref Detailed surface water drainage design will comply with the Drainage Strategy (Appendix 20.12, App Doc Ref 5.4.20.12). Ref Ref This includes the requirement for Ddrainage to accord with This includes the requirement for Ddrainage to accord with Ref	Chapter 09: ES Chapter 09: Reduced summer rainfall Transfer of Surface Water Drainage Design Operation Drainage Strategy D
network in requirements set out within The Environment the Agency's Approach to Groundwater Protection, Feb 2018 landscaped (Version 1.2) secured through a requirement of the draft DCO (App area Doc Ref 2.1)	Climate resilience, cR-16 Climate resilience, Table 5.2 - Securing Mitigation and increased drought conditions: landscaping and tree planting rainwater collected within the earth bank to the drainage design will comply with the landscaped area Ref 5.4.20.12). Ref 5.4.20.12). Ref 5.4.20.12). CR-16 Mitigation Itele bank to the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply with the landscaped area Itele bank to the drainage design will comply area Itele bank to the drainage design will comply area Itele bank to the drainage design will comply area Itele bank to t

Mitigation measure

Chapter 09:	ES Chapter 09:		Surface		Operation		DCO Schedule
Climate	Climate resilience,		water runoff				Requirement 1
resilience	Table 5.2 - Securing		design				<u>Drainage</u>
<u>CR-18</u>	Mitigation		avoids				
			erosion and				
			scour	LERMP secured through a requirement of the draft DCO (App Doc			
			Landscape	Ref 2.1)			
			management	Approval and implementation of a detailed management and			
		Increased winter heavy	design	monitoring plan secured to comply with LERMP secured through a		Drainage Strategy	
		rainfall events and summer	avoids	requirement of the draft DCO (App Doc Ref 2.1)		(Appendix 20.12, App Doc	
		drought conditions: erosion	exposed			<u>Ref 5.4.20.12).</u>	
		of soils	desiccated	Detailed surface water drainage design will comply with the			
			soils	Drainage Strategy (Appendix 20.12, App Doc Ref 5.4.20.12).			
			Landscape	Surface water runoff design avoids erosion and scour			
			management	This includes the requirement for <u>D</u> drainage to accord with			
			to identify	requirements set out within The Environment			
			soil erosion	Agency's Approach to Groundwater Protection, Feb 2018			
			and	(Version 1.2) secured through a requirement of the draft DCO (Ap	÷		
			vegetation	Doc Ref 2.1)			
			management				
<u>CR-17</u>	ES Chapter 09: Climate	Table 5.2 Securing	Warmer, w	vetter winters Landscape M	asterplan	Figure 3.9 and	Figure 3.10
	Operation					Landscape, Eco	ological and
	resilience, Table 5.2 -	leading to increases in pest				Recreational N	lanagement
				iversity in planting species		<u>Plan (LERMP) (</u>	Appendix
	· · · · ·	nt of the draft DCO (App Doc Ro	e f 2.1)			8.14, App Doc	Ref 5.4.8.14
Securing Clir	mate—Mitigation	pest and disease outbreaks				Section 4 Land	scape.
				e management <u>-</u> <u>Aa</u> pproval and implementation of a detailed		Ecological and	
				g resilience plan secured to comply with LERMP secured through a	requirement of the	Management I	
			draft DCO	(App Doc Ref 2.1) <u>plan</u>		(Appendix 8.14	
<u>CR-18</u>	ES Chapter 09: Climate	Increased winter heavy Lan	dscape Master	plan_Table 5.2 Securing		Securing Mitigation	drought
	resilience, Table 5.2 -	rainfall events and summer					conditions:
				Landscape management design avoids exposed desiccated soils			erosion of









	Mitigation measure S	Secured by number Phase	Reference document loo	-ation <u>Securing</u>	mechanisr
te Increased winter rainfall - and heavy rainfall events: river scour			ES Chapter 2 Project Description Section 2.12 The Outfall (App Doc Ref 5.2.2) Design Plans – Outfall (App Doc Ref 4.13		
			ES Chapter 09 Section 2.9 and Table 5-2 (App Doc Ref 5.2.9)Chapter 20 - Appendix 20.7 - Outfall CFD Report (pp Doc Ref 5.4.20.7)		
ls Landscape management	to identify soil erosion and vegetation		Section 4 Land	lscape,	
	management				
	Operation Figure 3.9 and Figure 3.10 Landscape, Ecol	logical and			
		DCC		Ł	
Rel 5.4.8.14					
e Increased winter rainfall	Outfall Management and Monitoring Plan				
		operation			
	River bank and river bed protection is includ	ded within the outfall design.	· · ·		
HMP incorporating requirement	s Climate			s: river scour	The Outf
		cludes consideration of scour			
ood risk activities) including fish r	2 SCUE		recilience E 2 2) impacts	and includes a 200	/ climata
	change unlift		<u></u>	and includes a 20	% ciinate
		Permit (Discharge			
			to surface water) secured thro (Application Doc Red 2.1)	ugh a requirement	t of the draf
			<u>ES Chapter 09 Section 2.9 and</u> <u>Ref</u> 5.2.9)	Table 5-2 (App Do	<u>)C</u>
			<u>Chapter 20 - Appendix 20.7</u> <u>- Outfall CFD Report (pp Doc</u>		
			Ref 5.4.20.7)		
			<u>Ref 5.4.20.7)</u>		
nent and monitoring plan			<u>Ref 5.4.20.7)</u>		
	and heavy rainfall events: river scour Is Landscape management (Appendix Ref 5.4.8.14 e Increased winter rainfall and heavy rainfall events: DMMP incorporating requirement:	and heavy rainfall events: River bank and river bed protection is included within the outfall of CFD modelling of discharge at the outfall includes consideration of impacts and the assessment includes a 20% climate change uplift <u>Is_Landscape management to identify soil erosion and vegetation management Operation Figure 3.9 and Figure 3.10 Landscape, Eco Management (Appendix Ref 5.4.8.14 e_ Increased winter rainfall Outfall Management and Monitoring Plan and heavy rainfall events: River bank and river bed protection is included MMP incorporating requirements Climate CFD modelling of discharge at the outfall in odd risk activities) including fish rescue change uplift </u>	and heavy rainfall events: River bank and river bed protection is included within the outfall design. river scour CFD modelling of discharge at the outfall includes consideration of scour impacts and the assessment includes a 20% climate change uplift Is Landscape management to identify soil erosion and vegetation management Operation Management Operation Agagement Operation Figure 3.9 and Figure 3.10 Landscape, Ecological and Management Operation Appendix PCC e_ Increased winter rainfall Outfall Management and Monitoring Plan		and heavy rainfall events: River bank and river bed protection is included within the outfall design. Description Section 2.12 Becuirement 7: river scour CFD modelling of discharge at the outfall includes consideration of scour impacts and the assessment includes a 20% climate change uplift Description Section 2.12 Becuirement 7: tiver scour CFD modelling of discharge at the outfall includes a 20% climate change uplift Description Section 2.9 and Table 5-2 (App Doc Ref 52.21 Description Section 2.9 and Table 5-2 (App Doc Ref Sign Plans Outfall (App Doc Ref 52.20 Imagement Compared to the section and vegetation Sign Plans Outfall (App Doc Ref 52.20 Imagement Compared to the section and vegetation Section 4 Landscape. Ecological and Recreational Management Compared to the section and vegetation Figure 3.9 and Figure 3.10 Landscape. Ecological and Management Plan (LENP) Appendix Lister 5.48.14 DCO Schedule 2 Requirement 11 LERMP and heavy rainfall events: River bank and river bed protection is included within the outfall design. Schapter 2Project and heavy rainfall events: River bank and river bed protection is included within the outfall design. Schapter 2Project and heavy rainfall events: CFD modelling of dischar

and monitoring plan (App Doc Ref 5.4.8.24)

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App Doc		
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Secured by numberPhase Reference document

Chapter<u>Ref</u> MitigationSource Description of impact Mitigation measure

<u>mechanisr</u>	<u>m</u>					
<u>CA-1</u>	<u>Chapter 10: Carbon,</u> <u>Table 5.2 – Securing</u> <u>Mitigation</u>	Climate change emissions contributions through GHGs associated with operation of the proposed WWTP	Carbon Management Plan Implementation of an Operational Carbon Management Plan	<u>Operation</u>	ES Chapter 10 Section 2.4 and Table 5-2 (App Doc Ref 5.2.10) Carbon Management Plan (App Doc Ref 5.4.10.2)	DCO Schedule 2 Requirement 21- management pla
	<u>Chapter 10: Carbon,</u> Table 5.2 <u>– Securing</u> <u>Mitigation</u>	contributions through GHGs associated with operation of the proposed WWTP	Design - Solar infrastructure Inclusion of solar panels in the inner slope of the earth bank (for the preferred option of G2G). Requirement to update Carbon model to account for detailed design of the Proposed Development to monitor further carbon savings through detailed design when compared to the baseline DMO design	<u>Construction</u>	ES Chapter 2:Project Description Section 2.13 further associated development and site-wide provisions (App Doc Ref 5.2.2) ES Chapter 10 Section 2.4 and Table 5-2 (App Doc Ref 5.2.10)	DCO Schedule 2 Requirement 7
<u>CA-3</u>	ES Chapter 10: Carbon Table 5.2 Securing Mitigation	<u>Climate change emissions</u> <u>contributions through GHGs</u> <u>associated with operation of</u> <u>the proposed WWTP</u>	BREAAM Gateway building to be designed to achieve BREEAM "Excellent" standard	<u>Construction</u>	ES Chapter 2:Project Description Section 2.13 Further associated development and site-wide provisions, Further associated development, (Gateway Building) (App Doc Ref 5.2.20 ES Chapter 10 Section 2.4 and Table 5-2 (App Doc Ref 5.2.10)	DCO Schedule 2 Requirement 7 -I design
<u>CA-4</u>	Chapter 10: <u>Carbon,</u>	Table 5.2 - Securing	Whole life carbon of the	Landscape Masterplan	Construction	Section 4 Landscap
Schedule 2	Table 5.2 – Securing	proposed WWTP	Land use change acting to reduce emissions over the whole life of the	ERMP secured through a	Ecological and Recreational a requirement of the draft DCO	Requirement – 1 (App Doc Ref 2.1)
<u>Operation</u> Ca	irbon Mitigation		assessment		<u>Management Plan (LERMP)</u> (Appendix 8.14, App Doc <u>Ref 5.4.8.14</u>	



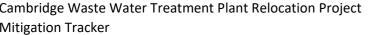
locationSecuring

21- Carbon plan



ape, DCO

- 11 -LERMP





<u>Ref</u>	Source	Description of impact	Mitigation measure	Phase	Reference document	Securing mec
_						

Cambridge Mitigation		atment Plant Relocation Project					love every anglianw	drop	love ev anglia	ery drop	
<u>Ref</u>	Source	Description of impact	Mitigation measure		Phase	Referen	ce document	Securing me	<u>echanism</u>		
Chapter 11 Community		Ecuring The presence of permanent in creates a permanent change recreational resources and in spaces	e to access to informal open • Desig • Desig • Desig requ the r • Desig	ign of outfall so as no path (PRoW 85/6) ign of outfall (orienta iired overall and to lii river and along the bi ign of the outfall so th	ninimise impacts to recreational users: ot to affect width and gradient of ation and sizing) to minimise land imit the extent of the structure within panks that it integrates into the existing bank tatement to existing levels	Environmen Approval an through a re	outfall design secure ntal Permit (Flood R nd implementation (equirement of the d	lisk Activities) of an Outfall Man	nagement Plar		
Community Chapter	Hitigation Mitigation	creates a permanent change recreational resources and ir	e to access to informal open • Desig • Desig • Desig requ the r • Desig	ign of outfall so as no path (PRoW 85/6) ign of outfall (orienta iired overall and to lii river and along the bi ign of the outfall so th	ot to affect width and gradient of ation and sizing) to minimise land imit the extent of the structure within panks that it integrates into the existing bank	Environmen Approval an through a re	ntal Permit (Flood R nd implementation (lisk Activities) of an Outfall Man	nagement Plar		
Community	ly Mitigation	creates a permanent change recreational resources and ir spaces	e to access to informal open - Desig • Desig requ the r • Desig and	ign of outfall so as no path (PRoW 85/6) ign of outfall (orienta iired overall and to lii river and along the bi ign of the outfall so th	ot to affect width and gradient of ation and sizing) to minimise land imit the extent of the structure within panks that it integrates into the existing bank satement to existing levels	Environmen Approval an through a re	ntal Permit (Flood R nd implementation (lisk Activities) of an Outfall Man	nagement Plar	Deleted Cells	5
Community Chapter number	Hitigation Mitigation	creates a permanent change recreational resources and in spaces	e to access to informal open Design Design Design Design Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period Period	ign of outfall so as no path (PRoW 85/6) ign of outfall (orienta iired overall and to lii river and along the bi ign of the outfall so th allows for the reinsta	ot to affect width and gradient of ation and sizing) to minimise land imit the extent of the structure within panks that it integrates into the existing bank satement to existing levels	Environmen Approval an through a re	ntal Permit (Flood R nd implementation (lisk Activities) of an Outfall Man	nagement Plar	Deleted Cells Deleted Cells Deleted Cells	5
Community Chapter number	Mitigation Mitigation Mitigation Iocation Iocation Es Chapter 10 Carbon,	creates a permanent change recreational resources and in spaces Description of impact	e to access to informal open - Desig requ the r - Desig and Mitigation measure <u>Carbon Management Plan</u>	ign of outfall so as no path (PRoW 85/6) ign of outfall (orienta irred overall and to lin river and along the bi- ign of the outfall so th allows for the reinsta	ot to affect width and gradient of ation and sizing) to minimise land imit the extent of the structure within panks that it integrates into the existing bank satement to existing levels	Environmen Approval an through a re	ntal Permit (Flood R nd implementation (lisk Activities) of an Outfall Man	nagement Plar	Deleted Cells Deleted Cells Deleted Cells Deleted Cells Deleted Cells	5 5 5
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Community Chapter number Chapter 10:	Mitigation Mitigation Decation ES Chapter 10 Carbon, Table 5.2 - ope Securing pro	creates a permanent change recreational resources and in spaces Description of impact	 Carbon Management Plan Measures adopted in operation as reduce emissions over the whole the assessment: Follow the Net Zero to Strategy Implementation of a Operational Carbon Management Plan 	ign of outfall so as no path (PRoW 85/6) ign of outfall (orienta irred overall and to lii river and along the bi ign of the outfall so th allows for the reinste <u>Operation</u> <u>act to</u> <u>a life of</u> <u>o 2030</u>	ot to affect width and gradient of ation and sizing) to minimise land limit the extent of the structure within sanks that it integrates into the existing bank tatement to existing levels Secured by ES Chapter 10 Section 2.4 and Table Ref 5.2.10) OWTP (Appendix 19.8, App Doc Ref Requirement to secure an operation	Environmen Approval an through a re e 5-2 (App Doc 5.4.19.8) nal-Carbon	ntal Permit (Flood R nd implementation (requirement of the d <u>DCO Schedule 2</u> <u>Requirement -21 –</u> <u>DCO Schedule 2</u> <u>Requirement -12 T</u>	isk Activities) of an Outfall Man draft DCO (App De - Carbon manager	hagement Flar	Deleted Cells Deleted Cells Deleted Cells Deleted Cells Deleted Cells Deleted Cells Inserted Cells	5 5 5 5
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Community Chapter number Chapter 10:	Mitigation Mitigation Decation ES Chapter 10 Carbon, Table 5.2 - ope Securing pro	creates a permanent change recreational resources and in spaces Description of impact	 Carbon Management Plan Measures adopted in operation as reduce emissions over the whole the assessment: Follow the Net Zero to Strategy Implementation of a Operational Carbon Management Plan 	ign of outfall so as no path (PRoW 85/6) ign of outfall (orienta iired overall and to lii river and along the bi ign of the outfall so th allows for the reinste <u>Operation</u> <u>act to</u> <u>a life of</u> <u>o 2030</u>	ot to affect width and gradient of ation and sizing) to minimise land limit the extent of the structure within sanks that it integrates into the existing bank tatement to existing levels Secured by ES Chapter 10 Section 2.4 and Table Ref 5.2.10) OWTP (Appendix 19.8, App Doc Ref Requirement to secure an operation	Environmen Approval an through a re e 5-2 (App Doc 5.4.19.8) nal-Carbon	ntal Permit (Flood R nd implementation (requirement of the d <u>DCO Schedule 2</u> <u>Requirement -21 –</u> <u>DCO Schedule 2</u> <u>Requirement -12 T</u>	isk Activities) of an Outfall Man draft DCO (App De - Carbon manager	hagement Flar	Deleted Cells Deleted Cells Deleted Cells Deleted Cells Deleted Cells Deleted Cells Inserted Cells	5 5 5 5



mechanis		Climate change emission	ons contributions Inclusion of solar panels in the inner slopr	of the earth Requirement to update Carbon model to acco	unt for detailed design of the Proposed Development	Deleted Cells
	A	through GHGs associate			tailed design when compared to the baseline DMO	Deleted Cells
	Mitigation e	of the proposed WWTP	فر ا	design secured through a requirement of the c	draft DCO (App Doc Ref 2.1)	
						Deleted Cells
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		Climate change emission			eet BREEAM target secured through a requirement of	Deleted Cells
irbon	-	through GHGs associate of the proposed WWTP		the draft DCO (App Doc Ref 2.1)		
			agement and monitoring plan secured to comply with LERMP sec		2f 2.1) ES Chapter 10: Carbon, Capital carbon as a	
result of De		- Detailed Design Const		DCO Schedule 2	Table 5.2 (App Dec Pot Poquiroment 7 Detailed	
	Table 5.2 – Secur	iring materials and	Design optimisation at detailed design stage		Table 5-2 (App Doc Ref Requirement 7 – Detailed	
	Mitigation			hat seeks to further reduce capital carbon through:		
		Development				
			 <u>Continued innovation review</u> 			
			Materials specifications			
			 Design of efficient construction and 	temporary works		
Chapter 10:		Whole life carbon	Measures adopted in operation act to reduce emissions over		de CWWTPR in annual reporting secured through a	Deleted Cells
Carbon	Securing	of the proposed	the whole life of the assessment:	requirement of the draft DCO (App Doc Ref 2.1)		Deleted Cells
	Mitigation	WWTP	 Follow the Net Zero to 2030 Strategy 	Requirement to implement OWTP (Appendix 19.8, App D	loc Ref 5.4.19.8) secured through a requirement of the	Deleted Cells
			Implement the Operational worker travel plan to encourage	draft DCO (App Doc Ref 2.1		
			mode shift in transport			Deleted Cells
						Deleted Cells
Chapter 10:	Table 5.2	Capital carbon as a	a Design optimisation at detailed design stage informed by	Requirement to update Carbon model to account for det	railed design of the Proposed Development to monitor	
Carbon	Securing	result of materials		further carbon savings through detailed design when con		
	Mitigation	and	through:	requirement of the draft DCO (App Doc Ref 2.1)		
		activity to	 Continued innovation review 			
		construct the	Materials specifications			
		Proposed	Design of efficient construction and temporary works			
		Development	Design of efficient construction and temporary works			_
Chapter 11		Provision of new	Discovery Centre Operation		DCO Schedule 2	Inserted Cells
Community	<u>+CO-</u> <u>Community</u>	community	The opportunity for enhanced provision of	ES Chapter 2:Project Description Section 2.13 further	Requirement 7 - Detailed design	
<u>1</u>	Table 5.2 -	resources	community resource through the inclusion	associated development and site-wide provisions (App		Inserted Cells
	Securing	through new	of Discovery Centre and continued	Doc Ref		
	Mitigation	Discovery Centre		5.2.2)		
	Wittgation	provides benefit	lifetime of the proposed WWTP (by	Requirement to monitor usage of the Discovery Centre		
			appointment)	which is socured through a requirement in the dratt		
			Requirement to monitor usage of the	which is secured through a requirement in the draft DCO (App Doc Ref 2.1) ES Chapter 11 Section 2.8 and		

_bridleway provides benefit Community

Landscape, Ecological and

Opportunity for access to the area in proximity to the land required for



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Requirement 11 - LERMP



<u>Ref</u>	Source	Description of impact	Mitigation measure	Phase	Reference document	Securing me
riders) th		nd Recreational Management Plan Recreational Management	(Appendix 8.14, Community the proposed WWTP will be enhanced for equestrians by the Change of		Mitigation to	recreational users (h
	Mitigation	riders) through additional	Plan (Appendix 8.14, App App Doc Ref 5.4.8.14) w status for up to 1.03km of existing farm track to provide a new Public Right of Way (bridleway)	hich is secured t	hrough a requirement in the draftDoc Ref 2.1 5.4.8.14)	additional equestria
<u>CO-3</u>	<u>Chapter 11:</u> <u>Community</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	The presence of permanent infrastructure creates a permanent change to access to recreational resources and informal open spaces	Outfall Design Design measures to prevent or minimise impacts to recreational users: • Design of outfall so as not to affect width and gradient of footpath (PRoW 85/6) • Design of outfall (orientation and sizing) to minimise land required overall and to limit the extent of the structure within the river and along the banks • Design of the outfall so that it integrates into the existing bank and allows for the reinstatement to existing levels Approved outfall design secured through conditions with the Environmental Permit (Flood Risk Activities)	<u>Operation</u>	ES Chapter 2:Project Description Section 2.12 The Outfall (App Doc Ref 5.2.2) Design Plans – Outfall (App Doc Ref 4.13)	DCO Schedule 2 Requirement 7 design Environmental I risk activities DCO Schedule 2 Requirement 7 Design
<u>CO-4</u>	<u>Chapter 11:</u> <u>Community</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	The presence of permanent infrastructure creates a permanent change to access to recreational resources and informal open spaces	Outfall Management and Monitoring Plan Approval and implementation of an Outfall Management Plan	<u>Operation</u>	ES Chapter 2:Project Description Section 2.12 The Outfall (App Doc Ref 5.2.2) Outline Outfall Management and Monitoring Plan (App Doc Ref 5.4.8.24)	DCO Schedule2 – Requirement 10 C management and monitoring plan
<u>CO-5</u>	<u>Chapter 11:</u> <u>Community</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	The presence of permanent infrastructure creates a permanent change to access to recreational resources and informal open spaces	 Landscape Masterplan Direct benefits to recreation -to be realised through measures within the LERMP (Appendix 8.14, App Doc Ref 5.4.8.14): Opportunity for access to the area in proximity to the land required for the proposed WWTP will include formalising access through the provision of permissive paths and leisure cycling access within the LERMP Change of status for up to 1.03km of existing farm track to provide a new Public Right of Way (bridleway) 	<u>Operation</u>	Figure 3.12 - 3.14 Landscape, Ecological and Recreational Management Plan (LERMP) (Appendix 8.14, App Doc Ref 5.4.8.14 Outline Outfall Management and Monitoring Plan (App Doc Ref 5.4.8.24)	DCO Schedule 2 Requirement 11



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ule 2 <u>nt 7 – Detailed</u> <u>22 –</u> <u>10 Outfall</u> <u>and</u> <u>an</u> <u>ule 2</u> <u>nt 11 - LERMP</u>



MitigationSource **Description of impact** Mitigation measure Secured Chapter___ Ref Reference document locationSecuring mechanism by numberPhase Approval and implementation of a detailed management and monitoring Direct benefits to recreation to be realised through measures within the LERMP (Appendix 8.14, App Doc Ref 5.4.8.14): plan secured to comply with LERMP secured through a requirement of the draft DCO (App Doc Ref 2.1) Opportunity for access to the area in prox land required for the proposed WWTP will include formalising access through the provision of permissive paths and leisure cycling access within the LERMP Change of status for up to 1.03km of existing farm track to provide a new Public Right of Way (bridleway) Long-term application of the LERMP (Appendix 8.14, App Doc Ref 5.4.8.14) which requires that the operator to prepare a detailed management and maintenance plan (secured through requirements in the DCO), based on the LERMP which will be agreed with key stakeholders. In relation to users this includes the requirement to complete user survey at least twice a year to understand how people are interacting with the recreational space and accessing the wider network of PRoW and permissive paths. Approved design secured through a requirement of the draft DCO (App Doc Enhancements for recreational users through: Ref 2.1 Improvements to the footway on the east and west of Horningsea Road New pedestrian crossing to access the landscape masterplan area <u>CO-6</u> ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent ____Chapter 11: Table 5.2 - Securing____The presence of permanent _____Chapter 11: Table 5.2 - Securing____The presence of permanent _____Chapter 11: Table 5.2 - Securing____The permanent _____Chapter 11: Table 5.2 - Securing_____The permanent _____Chapter 5.2 - Securing_____The permanent _____Chapter 5.2 - Securing_____The permanent _____Chapter 5.2 - Securing____The permanent _____Chapter Community infrastructure Opportunity for access to the area in proximity to the land required for Landscape, Ecological and Recreational Management Plancreates a Long-term application of the LERMP (Appendix 8.14, Community Mitigation creates a App Doc Ref permanent change to access in the the proposed WWTP will include formalising access through the App Doc Ref 5.4.8.14) which is Table 5.2 - Securing 5.4.8.14) which requires that the operator to prepare a detailed access to recreationa Mitigation management and maintenance plan (secured through a-requirements in the draft provision of to recreational paths and leisure cycling access within the DCO (App Doc Ref 2.1) informal open spaces LERMP the DCO), based on the LERMP which will be agreed resources and provision of pe with key open spaces_stakeholders. In relation to users this includes the requirement to complete user survey at least twice a year to understand how people are interacting with the recreational space and accessing the wider network of PRoW and permissive paths. Section 4 Landscape, DCO Schedule 2 Operation Requirement 11 - LERMP Ecological and Recreational Management Plan (LERMP)

(Appendix 8.14, App Doc Ref 5.4.8.14





Ref	Source	Description of impact	Mitigation meas	sure Phase	
Reference do	ocument	Securing mechanism			
Chapter 11: Community	Table 5.2 - Securing Mitigation	Temporary requirement fo the Waterbeach pipeline a Automotive		Management of impacts to land temporarily required managed through measures as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1 & 5.4.2.2) and CTMP: • requirement within the CoCP Part A for the reinstatement of ditches temporarily disturbed during construction • requirements to maintain access Implementation of the CTMP in particular Section 6.9 (Facilitate safe movement of users of the highway (including NMUs)) which: • requires connectivity/access to community facilities and residential properties to be maintained during works.	Section 7.2, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2 through a requirement of the draft DCO (App Doc Ref 2.1) Approval and implementation of a CEMP secured through the draft DCO (App Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, A 5.4.19.7), secured through a requirement of the draft DCO

<u>CO-7</u>	<u>Chapter 11:</u> <u>Community</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	The presence of permanent infrastructure creates a permanent change to access to recreational resources and informal open spaces	 Design – Horningsea Road Enhancements for recreational users through: Improvements to the footway on the east and west of Horningsea Road New pedestrian crossing to access the landscape masterplan area 	<u>Operation</u>	ES Chapter 2:Project Description, Section 2.9 Proposed WWTP access and off-site highway network alterations (App Doc Ref 5.2.2) Design Plans - Highways and Site Access (App Doc Ref 4.11)	<u>DCO Schedule 2</u> <u>Requirement 7 - Detailed</u> <u>design</u> <u>Requirement 7 – Detailed</u> <u>Design</u>
<u>CO-8</u>	Chapter 11:	The presence of permanent	Landscape Masterplan	Operation	Figure 3.12 - 3.14	DCO Schedule 2
	Community	infrastructure creates a			Landscape, Ecological and	Requirement 11 - LERMP
			Opportunity for access to the area in proximity to the land required for			
		permanent change to			Recreational Management	
	Table 5.2 - Securing		the proposed WWTP will include formalising access through the			
		access in the provision of			Plan (LERMP) (Appendix	
	Mitigation		provision of permissive paths and leisure cycling access within the LERMP			
		two recreational resources 8	.14, App Doc Ref 5.4.8.14 and informal open spaces			



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Chapter by number<u>Pl</u>	<u>Ref</u> nase	MitigationSource Reference document le	Description of impact seationSecuring mechanism	Mitigation measure	Secured	
					Section 4 Landscape, Ecological and Recreational Management Plan (LERMP) (Appendix 8.14, App Doc Ref 5.4.8.14	
	<u>Chapter 11:</u> <u>Community</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	<u>Temporary requirement for</u> <u>land to construct the</u> <u>Waterbeach pipeline affects</u> <u>access to CBS Automotive</u>	 <u>Code of Construction Practice</u> <u>Management of impacts to land temporarily required managed measures as described within the CoCP Part A and B (Appendix App Doc Ref 5.4.2.1 & 5.4.2.2) and CTMP:</u> <u>requirement within the CoCP Part A for the reinstatem ditches temporarily disturbed during construction</u> <u>requirements to maintain access</u> <u>CTMP</u> <u>Implementation of the CTMP in particular Section 6.9 (Facilitate movement of users of the highway (including NMUs) - which:</u> <u>requires connectivity/access to community facilities an residential properties to be maintained during works.</u> 	<u>2.1 & 2.2,</u> ent of <u>e safe</u> <u>nd</u>	Section 4.4 (CEMP Para 4.4.4, Section 7.2 (Ecology and nature conservation), CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Construction Traffic Management Plan Section 6.9 (Facilitate safe movement of users of the highway (including NMUs)) (Appendix 19.7, App Doc Ref 5.4.19.7)	DCO Schedule 2, Requirement – 8 CoCP DCO Schedule 2, Requirement 9 – CEMP a detailed construction traf management plan which must accord with the measures set out in the construction traffic management plan





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Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker

Ref	Source	Description of impact	Mitigation measure	Phase	Reference document	Securing mech
CO-10	Chapter 11:	Table 5.2 - Securing				
	·	onstruction Sequencing and Access De	sign			
•	Construction	ES Chapter 2 Sections 2 para				
	Community		2.9.3 and 3.1 3.1			
Communit		residents on Low Fen Drov				
	.,	during construction for acc				
	Sequencing cons	struction of the permanent access at th				
		on Low Fen Drove Way due	Construction			
phasing a	nd Section 7.6, CoCP Pa	rt A (Appendix 2.1, App-Doc Ref-5.4.2.1				
	Table 5.2 - Securing					
minimis	e disruption to Low Fen	Drove Way				
		e draft DCO (App Doc Ref 2.1)to use du	ring construction			
		sequence of assembly (App				
	-Mitigation					
		for access	Doc Ref 5.2.2)			
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and Traffic	and Transport massive	os of the CoCR in particular:			-	

and Traffic and Transport measures of the CoCP in particular:

Section 6.3 Adherence to Designated Routes



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ChapterRefMitigationSourceDescription of impactby numberPhaseReference documentlocationSecuring mechanism

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 location

 •
 Section 6.9 Facilitate safe movement of users of the
 App Doc Ref 5.4.19.7), secured through a requirement of the draft DCO highway which requires maintaining the existing
 (App Doc Ref 2.1) footway / cycleway to the west of the Horningsea

 Road
 Community Liaison Plan (App Doc Ref 7.8) which is secured through a carriageway at all times with suitable barriers separating requirement in the draft DCO (App Doc Ref 2.1)





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	Source		itigation measure	Phase		
<u>Reference do</u>	cument	Securing mechanism			■ \$ e e ŧ	
Chapter 11: Community	Table 5.2 Securin Mitigation	Temporary changes to recreation and open space – Waterbeach Pf 130/10, 130/6 and 130/8) due to temporary crossings by the pipel construction	bW (130/16, temporary diversions as detailed in section 7.6 (Traffic and the CoCP Part A		+ Section 7.6 CoCP Part A (Append a requirement of the draft DCO (
Chapter 11: CommunityCO- 11	Chapter 11: Community Table 5.2 - Securing Mitigation	Temporary changes to recreational resources and open spaces - Fen Ditton (PRoW 85/6 and PRoW 85/8) due to the temporary in riveraccess affecting residents on Low Fen Drove Way due to use during construction works to construct the outfall <u>for</u> access	Temporary diversion of the PRoW 85/6 at the outfall works area using 85/8 and a temporary path to re join the PRoW 85/6 upstream of the outfall works area Provision of diversions and appropriate signage to communicate temporary diversions as detailed in section 7.6 (Traffic and transport) of the CoCP Part A (Application Document Ref 5.4.2.1) in particular:Construction Traffic Management Plan Implementation of access controls as set out in seSection 7.76 (Traffic and Transport) which includes measures for temporary traffic control and measures manage the impact upon users of the PReW during the construction period. of the CoCP in particular: Section 6.3 Adherence to Designated Routes Section 6.9 Facilitate safe movement of users of the Horningsea Road carriageway at all times with suitable barriers separating the footway from the works Section 6.9 requirement to provide connectivity/access to community facilities and residential properties during works). Requirement within section 3 of the CoCP Part A and B (ApplicationAppendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including communication of changes to access because of PRoW realignment or diversion Communication activity, A requirement for the use of safety gates to be put in place and users allowed to safety gates to be put in place and users allowed to safety gates to be put in place and users allowed to safety cross the construction working area vehicle movements, diversion setic 	nstruction	Section 7.6, CoCP Part A (Appendix 2.1,{App Doc Ref 5.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1) Sections 6.3 of the Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7), secured through a requirement of the draft DCO (App Doc Ref 2.1) Community Liaison Plan (App Doc Ref 7.8) which is secured through a requirement in the draft DCO (App Doc Ref 2.1)	<u>DCO Schedule 2,</u> <u>Requirement – 8 ·</u> <u>DCO Schedule 2,</u> <u>Requirement 9 – (detailed construct</u> <u>management plar</u> <u>must accord with</u> <u>measures set out</u> <u>construction traff</u> <u>management plar</u>
Chapter 11: Community	Table 5.2 - Securing	Temporary changes to recreational resources and open spaces due to the	Measures to manage the minimum width that must be retained and pro warning to users of the river are outlined in section 3.1 of CoCP Part B (A			
	Mitianti-	to man a same the selectory			Rof 2 1)	

Mitigation

temporary in river

resources and open spaces due to the warning to users of the river are outlined in section 3.1 of CoCP Part B (Appendix 2.2, App secured through a requirement of the draft DC Doc Ref 5.4.2.2).

Ref 2.1)



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Chapter Ref by numberPhase MitigationSourceDescription of impactReference documentlocationSecuring mechanism

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Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part

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Chapter Ref	MitigationSource	Description of impact	Mitigation measure Secured
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+ 5.2 Securing tional resources <u>and</u>	able width of the river	 Provide advance warning to users of the river of CoCP Part B (Appendix 2.2, App Doc Ref 5.4 Requirement within section 3 of the (Appendix 2.1 & 2.2, Application Doc Ref: 5.4 (Community & Stakeholder Engagement) to a Liaison Officer responsible for ensuring that recommunication are maintained throughout the Requirement within section 3 of the (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4 & Stakeholder Engagement) to appoint a Comresponsible for ensuring that relationships an are maintained throughout the construction of changes to access because diversion 	I.2.2) in particular: DCO Schedule 2, CoCP Part A A A 2.2) Part A ppoint a DCO Schedule 2, ppoint a Community 2, elations Reguinement 9 - (elations of communication period including	Doc Ref 2.1). <u>CoCP</u> Approval and implementatio through a requirement of the <u>CEMP</u> ommunity Liaison Plan (App requirement in the draft DCC	n of an Outfall Mana e draft DCO (App Doc o Doc Ref 7.8) which
tional resources and	——Temporary change	 Requirement within section 3 of the (Appendix 2.1 & 2.2, Application Doc Ref: 5.4 (Community & Stakeholder Engagement) to a Liaison Officer responsible for ensuring that re communication are maintained throughout the Requirement within section 3 of the (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4 & Stakeholder Engagement) to appoint a Com- responsible for ensuring that relationships an are maintained throughout the construction p communication of changes to access because diversion 	DCO Schedule 2, CoCP Parked and Bent – 8 (2.1, 5.4.2.2) Part A ppoint a DCO Schedule 2, elations Regular Methods of Co cocp Part A and B 1.2.2) Part A (Community munity Liaison Officer d lines of communication period including of PRoW realignment or	COCPApproval and implementatio through a requirement of the CEMPommunity Liaison Plan (App requirement in the draft DCC	e draft DCO (App Doc 9 Doc Ref 7.8) which 9 (App Doc Ref 2.1
tional resources and	——Temporary change	(Community & Stakeholder Engagement) to a Liaison Officer responsible for ensuring that re- communication are maintained throughout the Requirement within section 3 of the (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4 & Stakeholder Engagement) to appoint a Com- responsible for ensuring that relationships an are maintained throughout the construction p communication of changes to access because diversion	CoCP Parted and ment – 8 (-2.1, 5.4.2.2) Part A ppoint a Construction period cocp Part A and B 1.2.2) Part A (Community munity Liaison Officer d lines of communication period including of PRoW realignment or	through a requirement of the CEMPommunity Liaison Plan (App requirement in the draft DCC	e draft DCO (App Doc 9 Doc Ref 7.8) which 9 (App Doc Ref 2.1
tional resources and	——Temporary change	(Community & Stakeholder Engagement) to a Liaison Officer responsible for ensuring that re- communication are maintained throughout the Requirement within section 3 of the (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4 & Stakeholder Engagement) to appoint a Com- responsible for ensuring that relationships an are maintained throughout the construction p communication of changes to access because diversion	ppoint a <u>CCO Schedyle 2,</u> elations <u>Reguinement 8</u> re-construction period <u>CoCP Part A and B</u> <u>1.2.2) Part A (Community</u> munity Liaison Officer d lines of communication period including of PRoW realignment or	through a requirement of the CEMPommunity Liaison Plan (App requirement in the draft DCC	e draft DCO (App Doc 9 Doc Ref 7.8) which 9 (App Doc Ref 2.1
tional resources and	——Temporary change	Liaison Officer responsible for ensuring that re- communication are maintained throughout the Requirement within section 3 of the (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4 & Stakeholder Engagement) to appoint a Com- responsible for ensuring that relationships an are maintained throughout the construction p- communication of changes to access because diversion	elationships what lifels of the construction period CoCP Part A and B 1.2.2) Part A (Community Imunity Liaison Officer d lines of communication period including of PRoW realignment or	CEMPommunity Liaison Plan (App requirement in the draft DCC) Doc Ref 7.8) which) (App Doc Ref 2.1
tional resources and	——Temporary change	Liaison Officer responsible for ensuring that re- communication are maintained throughout the Requirement within section 3 of the (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4 & Stakeholder Engagement) to appoint a Com- responsible for ensuring that relationships an are maintained throughout the construction p- communication of changes to access because diversion	elationships what lifels of the construction period CoCP Part A and B 1.2.2) Part A (Community Imunity Liaison Officer d lines of communication period including of PRoW realignment or	requirement in the draft DCC) (App Doc Ref 2.1
tional resources and	——Temporary change	Requirement within section 3 of the (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4 & Stakeholder Engagement) to appoint a Conr responsible for ensuring that relationships an are maintained throughout the construction p communication of changes to access because diversion	CoCP Part A and B 1.2.2) Part A (Community Amunity Liaison Officer d lines of communication period including of PRoW realignment or	·	
tional resources and	——Temporary change	(Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4 & Stakeholder Engagement) to appoint a Corr responsible for ensuring that relationships an are maintained throughout the construction p communication of changes to access because diversion	1.2.2) Part A (Community munity Liaison Officer d lines of communication period including of PRoW realignment or	tice Construction	Sections 4.4
tional resources and	——Temporary change	& Stakeholder Engagement) to appoint a Con- responsible for ensuring that relationships an are maintained throughout the construction p communication of changes to access because diversion	amunity Liaison Officer d lines of communication period including of PRoW realignment or	tice Construction	Sections 4.4
tional resources and	——Temporary change	responsible for ensuring that relationships an are maintained throughout the construction p communication of changes to access because diversion	d lines of communication period including of PRoW realignment or	tice Construction	Sections 4.4
tional resources and	——Temporary change	are maintained throughout the construction p communication of changes to access because diversion	period including of PRoW realignment or	tice Construction	Sections 4.4
tional resources and	——Temporary change	communication of changes to access because diversion	of PRoW-realignment or	tice Construction	Sections 4.4
tional resources and	——Temporary change	diversion	J.	tice Construction	Sections 4.4
tional resources and	——Temporary change		Code of Construction Prac	tice Construction	Sections 4.4
tional resources and	——Temporary change	es to	Code of Construction Prac	ctice Construction	Sections 4.4
				(Traffic and transport) CoCP	Management
ough the					-
	Provision of	gated crossings and appropriate signage to con	nmunicate		
CP open space – Waterbe	each			Part A (Appendix 2.1 , App	
	temporary diversions				
(130/16, 130/10,			Doc Re	f 5.4.2.1) secured Community	
and open spaces H	Horningsea Road <u>130/8)</u>	<u>)</u>			
the temporary crossings	s by the pipeline				
uction					
ment Ref 5.4.19.7) in	through a requirement	of the draft DCO (App Doc Ref 2.1)			
		particular:			
		t a DCO Schedule 2, Requirement 9 – CEMP a de	etailed Construction Envir	ronmental	
set out in Section 6.9 Fac	silitate sate movement (of users of the highway			
				.1).	
	which -	requires maintaining the existing footway / cyc	leway to the		
	west of	f the Horningsea Road carriageway at all times	with-suitable		
	Design - Temporary di	liversion	Construction		DCO Schedule 2,
				transport) CoCP Part A	<u>Requirement – 8</u>
ic <mark>M<u>m</u>anagement P<u>p</u>lan</mark>					
	barrier	rs separating the footway from the works			
				tivity/access to the draft DCC) (App Doc Ref
	(130/16, 130/10, and open spaces H the temporary crossing uction ment Ref 5.4.19.7) in Routes Approval requirement of the draf	CPopen space – Waterbeach temporary diversions (130/16, 130/10,	CPopen space – Waterbeach temporary diversions (130/16, 130/10, and open spaces Horningsea Road-130/8) the temporary crossings by the pipeline uction ment Ref 5.4.19.7) inthrough a requirement of the draft DCO (App Doc Ref 2.1) particular: Routes Approval and implementation of aDCO Schedule 2, Requirement 9 – CEMP a decrequirement of the draft DCO (App Set out in Section 6.9 Facilitate safe movement of users of the highway which requires maintaining the existing footway / cyc west of the Horningsea Road carriageway at all times rary changes to ional resources and ic Mmanagement Pglan barriers separating the footway from the works through a requirement ofSection 6.9 requirement ofSection 6.9 requirement of	CPopen space – Waterbeach	EPopen space - Waterbeach Part A (Appendix 2.1,-App temporary diversions Doc Ref 5.4.2.1) secured Community



ion Environmental ment of the draft DCO (App

lanagement Plan secured Doc Ref 2.1).

hich is secured through a 1

<u>e 2,</u> – 8 CoCP



Ref	Source	Description of impact Mit	gation measure		Phase	Reference document	Securing mechanism
Chapter L2: Health	Table 5.2 - Secur Mitigation	ing open spaces - Fen Ditton (PRoW 85/6 and PRoW Changes in access to areas of open space and recreation, including PRoW and the ability for local communities to undertake physical activity and live active lifestyles85/8) due to the temporary in-river construction works to construct the outfall	Inclusion of pedestrian and leisur landscape masterplanTemporary outfall works area using 85/8 and PRoW 85/6 upstream of the outf	diversion of the PRoW a temporary path to re	<u>85/6 at the</u>	Appendix 2.1, (App Doc Ref5.4.2.1)Sections 6.3 of theLandscape, Ecological andRecreationalConstructionTrafficManagement Plan(Appendix 8.1419.7,App DocRef 5.4.8.14) which is securedthrough a requirement in thedraft DCO5.4.19.7)CommunityLiaison Plan(App Doc Ref	DCO Schedule 2, Requirement 9 – CEMP a detailed construction traffic management plan which must accord with the measures set out in the construction traffic management plan
	Community	Health(PRoW 85/6 and PRoW Mitigati	temporary diversio curing <u>-</u> -Implemen and Transj on control an	port)<u>which</u> includes mea d measures to- manage t	PP.in particular: f the CoCP Part A (Traffic asures for temporary traffic the impact upon users of the		rsidential properties during we ppendix 2.1, App Doc Ref 5.4.
		local communities to undertake pl activity and live active lifestyles	Hysical Horningsea, Implementation of terton, en Road nstruction f	the CTMP (Deliveries) w	Routes duling) which requires	Construction Traffic Managemen 5.4.19.7), secured through a req 2.1) Approval and implementation of Management Plan secured throu Doc Ref 2.1).	uirement of the draft DCO (A
Chapter 12 Health	2: Table 5.2 - Securing Mitigation	Changes in access to local services of construction activities and char travel routes and delays	HIE CHWIP States	that there will be no cor Section 4.2 of the CTN	nstruction traffic through AP states that hours of	Approval and implementation of Management Plan secured throe Doc Ref 2.1).	
			Chapter number	Mitigation location	Description of impact	Mitigatio	on measure
						constructio	on traffic operation will avoid

as well as school pick up and drop of



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draft DCO (App		
	Secured by	
oid the AM and PM pe	ak periods	_
ff hours.	Sections 4.2 of the Construction Traffic	M
	App Doc Ref 5.4.19.7), secured through	a
	(App Doc Ref 2.1)	

Health Mitigation combination of an increase in noise, air quality, dust, odour, traffic and visual effects due to works within the — widing Cambridge WWTP, and works to construct the Waterbeach pipeline and Caphithe CoCh Part CoCh Part	Chapter	Ref	MitigationSource		
Secured by numberPhase Reference document Josef Securing mechanism Chapter 12: Table 5-2 - Securing Changes to health and wellbeing due to a combination of an increase in noise, ar quality, dust, odour, traffe and visual effects due to works within the -weisting Cambridge WVTP, and works to construct the Waterbeach pipeline and Clayhithe Cool Port 	Description of	impact	Mitigation measure		
Interestion Table 5.2 - Securing Mitigation Changes to health and wellbeing due to a combination of an increase in noise, air quality, dust, odour, traffic and visual effects due to works within the existing Cambridge WWTP, and works to construct the Waterbeach pipeline and Clayhithe Relevant Chapter 1 Mitigation ************************************			-		
Chapter 12: Health Table 5.2 – Securing Changes to health and well being due to a combination of an increase in noise, air quality, dust, down, traffic and visual effects due to works within the existing Cambridge WVTP, and works to construct the Waterbeach pipeline and Clayhithe Managem Waterbeach pipeline and Clayhithe			Reference document		
Health Mitigation combination of an increase in noise, air quality, dust, dour, traffic and visual effects due to works within the - existing Cambridge WWTP, and works to construct the Waterbeach pipeline and Clayhithe CoCh Dast CoCh Da	location <u>Securi</u>	ing mechanism			
· · · · · · · · · · · · · · · · · · ·		-	combination of an increase quality, dust, odour, traffic due to works within the ex WWTP, and works to consi	in noise, air and visual effects kisting Cambridge truct the	• Use of Water locatic • Manag the CT disrup Adher Sect Dro Roi Tra





vise and traffic measures outlined in the CoCP as detailed in : Traffic and transport (Application Document Ref 5.2.19) and Noise and vibration (Application Document Ref 5.2.17).

nt of construction activities that may impact community wellbeing will be through measures as described within the and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1 & 5.4.2.2);

anagement of air quality as set out within Section 6.9 of the Part A, Air quality, sets out a framework for the control of air y during construction, identifying a number of 'standard' ation measures which will be implemented whilst

ruction work takes place. These will be reflected in an Air ty/Dust Management Plan (AQMP) appended to/as part of EMP. This includes the following general measures to be will place to minimise emissions and avoid nuisance:

engines of all vehicles and plant onsite will be turned off hen not in use;

emission vehicles and plant will be used as far as possible;

vement of construction traffic around the working area will minimised as far as possible

anagement of noise impacts as set out within the CoCP Part ction 7.7. Noise and vibration which requires the application st practicable measures (BPM) as defined by the Control of tion Act 1974 (CoPA) and the Environmental Protection Act (EPA) for the control of noise. These measures are to be ted within the Noise and Vibration Management Plan 1P) appended to/as part of the CEMP.

iction of working hours to avoid sensitive time periods for at Shaft 4 and the Outfall.

f solid site hoarding/temporary acoustic barriers at Shaft 4, rbeach construction compound and around HDD pit ons/HDD plant during continuous working periods gement of construction vehicle movements described within

TMP (Appendix 19.7, App Doc Ref 5.4.19.7) to minimise otion on the public highway in particular: - Section 6.3 rence to Designated Routes

tion 6.9 requirement for speed restrictions to Burgess's ove, Bannold Drove and Bannold Road as well as Clayhithe ad will be put in place in accordance with the Temporary affic Regulation Order set out within an article in the DCO

mentation of Construction Worker Travel Plan to encourage ruction workers to use more sustainable travel modes, to e single occupancy vehicle trips and will investigate the

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Ref	Source Description of imp			
Mitigatio	on measure	Phase		
Reference document		Securing mechanism		

 the management of lighting through the Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5) and the CoCP Part A, Section





potential for flexible working patterns to facilitate travel outside of the peak periods.

Chapter Ref MitigationSource
Description of impact Mitigation measure
Secured by numberPhase Reference document
locationSecuring mechanism
 5.9 (Lighting) (Appendix 2.1, App Doc Ref 5.4.2.1) which requires that the contractors incorporate a strategy for temporary lighting into the CEMP(s) (secured through requirements in the DCO), which will collectively secure deliver appropriate mitigation of light during construction. This strategy includes requirements for the use of wildlife sensitive lighting (<2700K, directional only with no upward orientation or light spill). Removal of residual sludge via suction pump and taken offsite for treatment or treated onsite such as in a quick lime dosing plant. Implementation of Section 6, Decommissioning Management Plan (Appendix 2.3, App Doc Ref 5.4.2.3) Use of odour suppression equipment, such as fogging/misting systems. Section 7.8, Construction odours of the CoCP Part A
(Appendix 2.1, App Doc Ref 5.4.2.1).
 Requirement within section 3 of the CoCP Part A and B (Appendix)



Ref	Source	Description of impact		
Mitigatio	on measure	Phase		
Reference document		Securing mechanism		

Chapter 12: Health

Table 5.2 - Securing **Mitigation**

Changes to health and wellbeing due to a combination of an increase in noise, air quality, dust, odour, traffic and visual effects Relevant noise and traffic measures outlined in the CoCP as detailed in Chapter 19: Traffic and transport (Application Document Ref 5.2.19) and Chapter 17: Noise and vibration (Application Document Ref 5.2.17).

Section 7.7 and 7.9, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1)

Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO (App



love every drop Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker **Mitigation**Source Chapter_ Ref **Description of impact Mitigation measure** Secured by numberPhase **Reference document** locationSecuring mechanism due to the use of Fen Road and works to construct the Waterbeach pipeline (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including communication of changes to access because of PRoW realignment or diversion Chapter 12: Chapter 11: Temporary Changes to Code c Inserted Cells HealthCOhealth and wellbeing due to Community Measu Inserted Cells <u>15</u> noise, air quality, dust, Table 5.2 - Securing provide advance warning to user odour, traffic and visual of CoCP Part B (Appendix 2.2, Ap Mitigation effectsrecreational Measures to manage the minimu resources and open spaces provide advance warning to use due to the temporary inof CoCP Part B (Appendix 2.2, Ap river construction works to <u>Requirement within sec</u> construct the outfall that (Appendix 2.1 & 2.2, Ap will affect the navigable A (Community & Stakel width of the river Community Liaison Offi relationships and lines of throughout the constru <u>Requirement within sec</u> (Appendix 2.1 & 2.2, Ap (Community & Stakehol Community Liaison Offi relationships and lines throughout the constru changes to access beca

Relevant noise and traf detailed in Chapter 19: Document Ref 5.2.19) (





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	- · A
ers of the river are outlined in section 3.1	(uhhe
pp Doc Ref 5.4.2.2).	5.4.2.
num width that must be retained and	requir
ers of the river are outlined in section 3.1	ES Cha
pp Doc Ref 5.4.2.2) in particular:	Descri
	The O
ction 3 of the CoCP Part A and B	5.2.2)
pplication Doc Ref: 5.4.2.1, 5.4.2.2) Part	<u> </u>
<u>holder Engagement) to appoint a</u>	
icer responsible for ensuring that	Appre
of communication are maintained	of a C
uction period	Envire
ction 3 of the CoCP Part A and B	Mana
pp Doc Ref: 5.4.2.1, 5.4.2.2) Part A	throu
blder Engagement) to appoint a	draft
icer responsible for ensuring that	
of communication are maintained	<u>Comm</u>
uction period including communication of	Const
ause of PRoW realignment or diversion	Mana
ause of FROW realignment of diversion	19.7, .
ffic measures outlined in the CoCP as	Ref 5.
Traffic and transport (Application	a requ
and Chapter 17: Noise and vibration	DCO (
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Ref	Source	Description of impact
Mitigatio	on measure	Phase
<u>Reference</u>	ce document	Securing mechanism

of an Outfall Management Plan

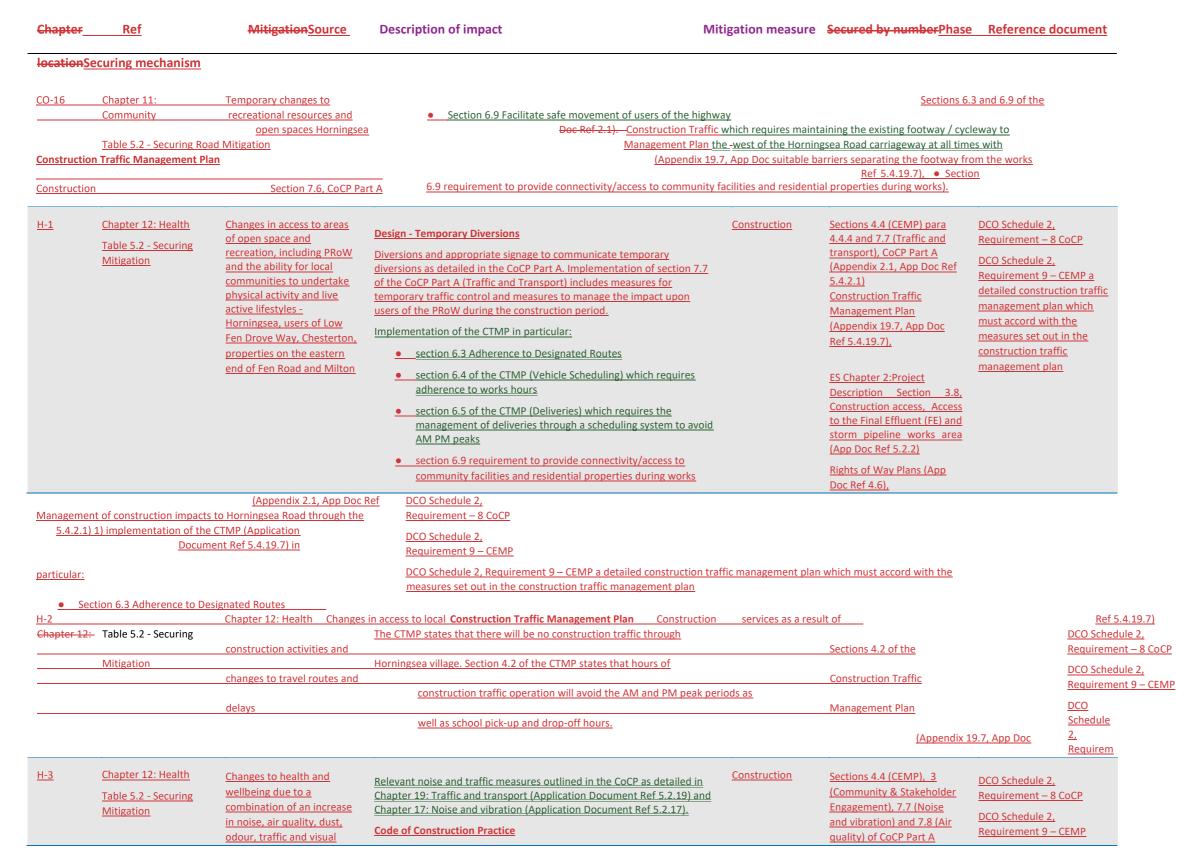
			Section 7.6 which includes a requirement for the use of safety	
			gates to be put in place and users allowed to safely cross the	
			construction working area	
		DCO Schedu	e 2 Requirement 9 CEMP including a detailed	
Construction	Sections 3 (Community & Stakeholder Engagement)	community l	iaison plan which must accord with the	
	and 7.6 (Traffic and transport) CoCP Part A Appendix		t out in the community liaison plan	
	2.1, (App Doc Ref			
	<u>5.4.2.1)</u>			
	Sections 6.7 of the			
	Construction Traffic			
	Management Plan (App Doc			
	<u>Ref 5.4.19.7)</u>			
	Community Liaison Plan			
	(App Doc Ref 7.8)			
DCO Schedule 2,				
<u>Requirement – 8 (</u>	CoCP			
DCO Schedule 2,				
<u>Requirement 9 – (</u>	CEMP			
DCO Schedule 2				
Requirement 8 Co	<u>CP</u>			





(Application Document Ref 5.2.17). Approval and implementation









Reference document Securing mechanism

Phase

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Ref Source

Description of impact Mitigation measure

lugation measure

ent 9 – CEMP a detailed construction traffic management plan which must accord with the measures set out in the construction traffic management plan





ationSecuring mechanism					
	effects due to works within the existing Cambridge WWTP, and works to	Management of construction activities that may impact community health and wellbeing will be through measures as described within the coCD part A and P. (According 218, 224, According 21		(Appendix 2.1, App Doc Ref	
	construct the Waterbeach pipeline and Clayhithe	 <u>CoCP Part A and B -{Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1 & 5.4.2.</u> <u>the management of air quality as set out within Section 6.9</u> <u>of the CoCP Part A, Air quality, sets out a framework for the control of air quality during construction, identifying a num of 'standard' mitigation measures which will be implement whilst construction work takes place. These will be reflected an Air Quality/Dust Management Plan (AQMP) appended to the section of the construction work takes place. These will be reflected an Air Quality/Dust Management Plan (AQMP) appended to the construction work takes place.</u> 	9. <u>7.8</u> 2 <u>ber ed</u> d in	<u>Construction Traffic</u> <u>Management Plan</u> (Appendix 19.7, App Doc <u>Ref 5.4.19.7)</u> Outline Construction	
		part of the CEMP. This includes the following general meas to be will put in place to minimise emissions and avoid nuis the engines of all vehicles and plant onsite will be turned off when not in use;		<u>Worker Travel Plan</u> (5.4.19.9) <u>Outline Decommissioning</u> Plan (Appendix 2.3, App Do	
		 <u>and</u> <u>and</u> <u>movement of construction traffic around the working</u> <u>area will be minimised as far as possible</u> 	<u>sible;</u>	<u>Ref 5.4.2.3)</u> Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5).	-
		 the management of noise impacts as set out within the Cod Part A, Section 7.7, Noise and vibration which requires the application of best practicable measures (BPM) as defined the Control of Pollution Act 1974 (CoPA) and the Environm Protection Act 1990 (EPA) for the control of noise. These measures are to be reflected within the Noise and Vibratio 	<u>by</u> ental		
		 <u>Management Plan (NVMP) appended to/as part of the CEN</u> <u>Restriction of working hours to avoid sensitive time perio</u> for works at Shaft 4 and the Outfall. <u>Use of solid site hoarding/temporary acoustic barriers</u>			
		<u>Mmanagement of construction vehicle movements describ</u> within the CTMP (Appendix 19.7, App Doc Ref 5.4.19.7) to minimise disruption on the public highway in particular:	<u>ed</u>		
		 Section 6.3 Adherence to Designated Routes Section 6.9 requirement for speed restrictions to Burgess's Drove, Bannold Drove and Bannold Road as well as Clayhithe Road will be put in place in accordance with the Temporary Traffic Regulation Order set out within an article in the DCO 			
		 Implementation of Construction Worker Travel Plan to encourage construction workers to use more sustainable travel modes, to reduce single occupancy vehicle trips and will investigate the potential for flexible working patterns to facilitate travel outside of the peak periods. 			





RefSourceDescription of impactMitigation measurePhaseReference documentSecuring mechan	Ref	Sourco	Description of impact	Mitigation measure	Phase	Poforonco document	Securing mechanism
	Rei	Source	Description of Impact	willigation measure	PlidSe	Reference document	Securing mechanism
			• •				

• the management of lighting through the Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5) and the CoCP Part A, Section 5.9 (Lighting) (Appendix 2.1, App Doc Ref 5.4.2.1)





Chapter Ref

MitigationSourceDescription of impact

Mitigation measure Secured by numberPhase Reference document

locationSecuring mechanism



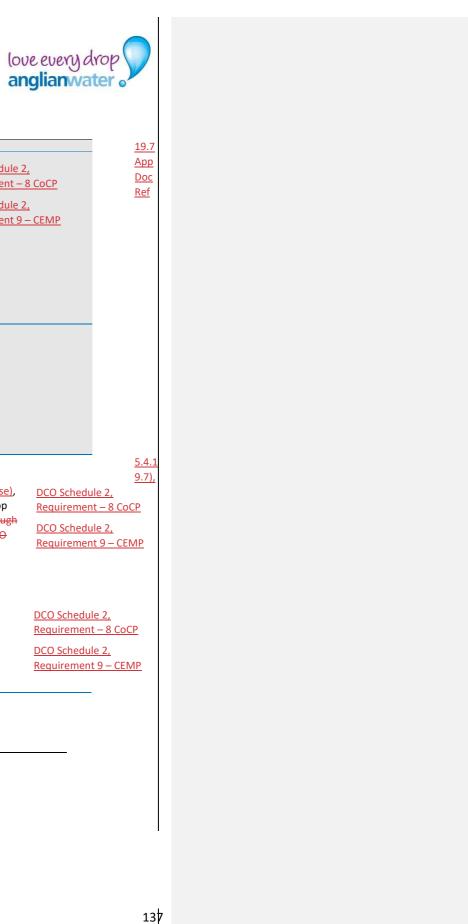


Description of impact Mitigation measure Ref Source Phase **Reference document** Securing mechanism which requires that the contractors incornorate a strategy for Chapter 12: Health Sections 4.4 (CEMP), 7.7 DCO Schedule 2, <u>H-5</u> Changes to health and **Code of Construction Practice** Construction wellbeing due to noise, air Requirement – 8 CoCP (Noise and vibration) and 7.9 Table 5.2 - Securing Relevant noise and traffic measures outlined in the CoCP as detailed in guality, dust, odour, traffic (Waste Management and Chapter 19: Traffic and transport (Application Document Ref 5.2.19) and DCO Schedule 2, **Mitigation** Resource Use), CoCP Part A and visual effects – Fen Chapter 17: Noise and vibration (Application Document Ref 5.2.17). Requirement 9 – CEMP Ditton (Appendix 2.1, App Measures NV-1 to 3 and measures T1- T51 within mitigation tracker Doc Ref 5.4.2.1) Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7), systems. Section 7.8, Construction odours of the CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1). • Requirement within section 3 (Community & Stakeholder Engagement) of the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including communication of changes to access because of PRoW realignment or diversion Chapter 12: Health Changes to health and **Code of Construction Practice** Section 7.7 and 7.9(Noise and H-4 wellbeing due to noise, air vibration) and 7.9 (Waste DCO Schedule 2, Table 5.2 - Securing Relevant noise and traffic measures outlined in the CoCP as detailed in Management and Resource Use), Health - Mitigation air quality, dust, odour, traffic and visual CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)) secured through Mitigation Chapter 19: Traffic and transport (Application Document Ref 5.2.19) and DCO Schedule 2, a requirement of the draft DCO and visual effects - Fen Ditton (App Doc Ref 2.1) Chapter 17: Noise and vibration (Application Document Ref 5.2.17). Measures NV-1 to 3 and measures T1- T51 within mitigation tracker -Construction Traffic Sections 4.4 (CEMP), 7.7 Management Plan Construction (Appendix 19.7, Appendix Chapter 12: Health Changes to health and Code of Construction Practice requirement of the draft DCO DCO Schedule 2, wellbeing due to a (Noise and vibration) and 7.9 Relevant noise and traffic measures outlined in the CoCP as detailed in Table 5.2 - Securing combination of an increase (Waste Management and DCO Schedule 2, Chapter 19: Traffic and transport (Application Document Ref 5.2.19) and Chapter Resource Use), CoCP Part A Mitigation in noise, air quality, dust, odour, traffic and 17: Noise and vibration (Application Document Ref 5.2.17). (Appendix 2.1, App visual effects due to the use Measures NV-1 to 3 and measures T1- T51 within mitigation tracker Construction of Fen Road and works to Sections 4.4 (CEMP), 7.7 Doc Ref 2.15.4.2.1)-Approval and implementation of a Construction Environmental Management Plan secured through a **Construction Traffic** Management Plan construct the Waterbeach pipeline

(Appendix 19.7, App Doc Ref

2.1)

5.4.19.7), secured through a requirement of the draft DCO (App Doc Ref



,	Chapter Mitigation	<u>Ref</u> n measure	Mitigation Secured by nu	on <u>Source</u> Descu umberPhase Refe	cription of impact erence document	locationSecuring me	<u>echanism</u>		
5 <u>Chapter 12: Health</u> <u>Table 5.2 -</u> <u>Securing</u> <u>Mitigation</u>		community impact (Appendix 8.14, He connections within	Table 5.2 Securing (ts through the inclusion of lealth Mitigation f in the landscape App Doc I	presence of new infrast Ref 5.4.8.14) which is so	sion due to the- Man Sological and Recreational f tructure changing- pede secured through a requiren	estrian and leisure cycling ment in the draft	Figure 4-1 with the LERMP (Appendix 8.1 Doc Ref 5.4.8.14)	Inserted Cells	
	-		ses and connectivity either- p Doc Ref 2.1) side of the ar Table 5.2 - Securing			and retain connectivity			



Description of impact Ref Source Securing mechanism **Phase Reference document**

Chapter 12: Table 5.2 - Securing Potential risk to human health from Preparation of operational management plan associated with the EMS During operation, the Environmental Permit will require Health Mitigation hazardous waste and substances procedures as required by the permitting process. management system to cover waste management practices and procedures. Chapter 12: Table 5.2 - Securing Potential risk to human health from hazardous Management of human I Health **Mitigation** waste and use of hazarde waste and substances measures within Section the CoCP Part A in relatic waste in accordance witł preparation of CEMP, an

<u>H-7</u> _Chapter 12: Health— Table 5.2 - Securing Potential risk to human

health from water-due to potential

Management of construction activities as described within the CoCP Health - Mitigation pollution. Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in Table 5.2 - Securing sources of contamination

> Mitigation during construction that may generate hazardous waste and substances (e.g., from hazardous landfill sites in the county or pollution incidents such as spills

and leaks)

As detailed Chapter 16: Material resources and waste (Application Document Ref 5.2.16 (Measure ref MW-1 to MW 11 in Mitigation Tracker.

Code of Construction Practice

particular section 4.4 which requires the Principal Contractor(s) to produce aManagement of human health risks from the creation of hazardous waste and use of hazardous substances through the application of measures within Section 7.9 (Waster Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site.and Resource Use) of the CoCP Part A in relation to minimising and appropriately managing waste in accordance with environmental regulations through preparation of CEMP, and <u>SWMP</u>

Mitigation measure

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ef	Source	Description of impact Mitigation measure	Phase Reference document Securing mechanis
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Chapter_ locationS	Ref Securing mechanism	MitigationSource	Description of impact	Mitigation measure	Secured by numberPhase	Reference document
			₩ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷ ÷	- 4 f t	 Y G Schedule 2 a secured through a <u>R</u>requirement of the degree of the degr	d vibration), Requirement – 5 CoCP Part A (Appendix 2.1, <u>DC</u> , App Doc Ref 5.4.2.1) e draft DCO (App Doc Ref <u>2.1) 9</u> – CEMP on Outfall Management Plan secured p Doc Ref 2.1). in Commissioning Management Plan t DCO (App Doc Ref 2.1).
			⊊ ⊕ €		₽ Plan (Append ↓ Ref 5.4.2.3) ↓	lix 2.3, App Doc
<u>H-8</u>	<u>Chapter 12: Health</u> <u>Table 5.2 – Securing</u> <u>Mitigation</u>	Potential risk to human health from hazardous waste and substances	Environmental Management System Preparation of operational management plan associated with the EMS procedures as required by the permitting process.	Operation 5	ES Chapter 2 Project Description Section 5.1 Operation, Operational environmental management (App Doc Ref 5.2.2)	Environmental Permit
H-9	Chapter 12: Health	Potential risk to human	Code of Construction Practice	Construction	Sections 4.4 (CEMP), and	DCO Schedule 2,
		health from hazardous			7.7 (Noise and vibration),	Requirement – 8 CoCP
	Table 5.2 – Securing		Management of human health risks from the creation of hazardous			
		waste and substances			CoCP Part A (Appendix 2.1,	
	Mitigation		waste and use of hazardous substances through the application of			DCO Schedule 2,
			(Waste Management and Resource Use) of Requirement 9 – (CEMP	App Doc Ref 5.4.2.1) measures	s within Section 7.9
			CoCP Part A in relation to minimising and appropriately managing storage and handling of potentially contaminating materials including Pollution (Oil Storage) (England) Regulations 2001 and Danger 2002.environmental regulations through preparation of CEMP, and SV	ous Substances and Ex	_ requirement for the sa in accordance with the Control plosive Atmospheres Regulatio	of



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Plan secured



Ref	Source	Description of impact	Mitigation me	asure	Phase	Reference document	Securing mech
<u>H-10</u>		Potential risk to human nealth from water pollution.	A. in particular secti produce a Water Qu Plan, and risk assess will be appended to include the requirer to the prevention of Section 104 (1) of th the Control of Pollut	In Practice Instruction activities as described within the CoCP Part on 4.4 which requires the Principal Contractor(s) to hality Management Plan(s), Pollution Incident Control ments before works commence on site. The plans or incorporated into the CEMP(s). These plans will nent to implement best practice measures in relation impacts to controlled waters (as defined within in le Water Resources Act 1991 and Section 30A (d) of tion Act 1974'-) including: hpplied for the management of leaks and spillages c of drip trays and provision of spill kits	Construction	Sections 4.4 (Construction Environment Management), and 7.5 (Water Resources and flood risk), CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Outline Decommissioning Plan (Appendix 2.3, App Doc Ref 5.4.2.3)	DCO Schedule : Requirement – DCO Schedule : Requirement 9
Drainage stra	stegy (Appendix 20.12, App [Doc Ref 5.4.20.12) which is		 requirement for refuelling of machinery to be GEMPs) where spillage can be more easily contended of the contended of the spillage can be more easily contended of the spillage of the spil	ained nse measures incluc from construction s minimising the area	ling stopping works, training of s uch as the use of cut off drains, a as of land that are disturbed/clea	taff, use of spill re woiding vegetatio red, avoiding stoc
Chapter 12: Health	Table 5.2 Securing Mitigation	Temporary concern for loc. close proximity to the Prop due to the presence of a co workforce affecting social o	oosed Development	A draft CLP has been prepared by the Applicant whice measures for how communication of construction are undertaken. This includes the frequency of such liais the construction works, construction programme an procedure. The CoCP Part A (section 3 Community and Stakehol	tivity will be on , the status of d a complaints	Sections 3, 4.2, 4.3, 5.2 and 7. 5.4.2.1) secured through a req Approval and implementation Management Plan secured thr Doc Ref 2.1).	uirement of the d
				section 4.3 Considerate Constructors Scheme, section Site Induction, section 4.2 Environmental and Health Management Systems) requires all construction we appropriate training, which includes expectations re and showing courtesy to the local community.	n 5.2 Training and -and Safety rkers to receive	Community Liaison Plan (App requirement in the draft DCO-	

secured through a requirement in the draft DCO (App Doc Ref 2.1)

Lighting Design strategy (Appendix 2.5, App Doc Ref 5.4.2.5) which is



echanism

<u>ule 2,</u> nt – 8 CoCF <u>ule 2,</u> nt 9 – CEM	
the I l response ation tockpiling contours	
(Appendix ne draft DC	p Doc Ref Doc Ref 2.1)

ion Environmental Iment of the draft DCO (App

nich is secured through a .1)





hapter cationSecu	<u>Ref</u> Iring mechanism	MitigationSource	Description of impact	Mitigation measure	Secured by numberPhase	Reference docum
			requirement for the safe storage and handling of potentially			
			contaminating materials including fuels and oils in accordance			
			with the Control of Pollution (Oil Storage) (England) Regulation 2001 and Dangerous Substances and Explosive Atmospheres	ons		
			Regulations 2002.			
			<u>requirement for refuelling of machinery to be undertaken</u>			
			within designated areas (unless expressly stated within the			
			CEMPs) where spillage can be more easily contained			
			 requirement to have in place emergency response measures including stopping works, training of staff, use of spill respon- equipment 	<u>se</u>		
			 the application of measures to prevent run-off from 			
			<u>construction such as the use of cut off drains, avoiding</u>			
			vegetation removal right up to the banks of watercourses,			
			minimising the areas of land that are disturbed/cleared,			
			avoiding stockpiling of material close to the banks of			
			watercourses, use of silt fencing or coir rolls on gentle slops			
			installed at levelled contours to control runoff.			
L1 Cl	hapter 12: Health	Temporary concern for local	Community Liaison Plan	Construction	Sections 3 (Community and	Sect
		communities in close			Stakeholder Engagement),	thre
Та	able 5.2 – Securing		A draft CLP has been prepared by the Applicant which contains measu	ires		a
N	Aitiantian	proximity to the Proposed	for how communication of construction activity will be undertaken. Th		section 4.2 (Environmental	req। mer
IV	litigation	Development due to the	for how communication of construction activity will be undertaken. The	<u>115</u>	and Health and Safety	the
			includes the frequency of such liaison, the status of the cons	truction	and ficaltif and safety	DCC
		presence of a construction			Management Systems) (,4.3	Sch
			works, construction programme and a complaints procedure	<u>.</u>		<u>2,</u>
		workforce affecting social			(Considerate Constructors	Req
						mer
		cohesion.			Scheme), and 5.2 (Training	CEN
			The CoCP Part A (section 3 Community and Stakeholder Engagement,	and Site Induction) 6, CoC	P section 4.3 Considerate Construct	
			section 5.2 Training and			<u>a</u> deta
			Cite Industion costion 4.2 Environmental and the data of the	int.	Part A (Appendix 2.1, App	com
			Site Induction, section 4.2 Environmental and Health and Saf	ety		ity
			Management Systems) -requires all construction workers to	receive	Doc Ref 5.4.2.1) s	liais
			wanagement systems) -requires an construction workers to	ICUCIVE	_appropriate training, which	plar
			includes expectations regarding respecting		<u>appropriate training, which</u>	whi
					and showing courtesy	mus
			to the local community.		<u>0tot</u>	<u>acco</u>
			<u>_</u>			with
					Community Liaison Plan	mea
						<u>s se</u>
					(App Doc Ref 7.8)	i - + I
O Schedule 2	<u>)</u>				(App Doc Ref 7.8)	<u>in tl</u> con

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Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker

Ref	Source	Description of impact	Mitigation measure	Phase	Reference document	Securing mechanism
liaison pla	<u>ın</u> (App Doc Ref 2.1<u>7.8</u>)					
<u>HE-1</u>	Chapter 13: Historic Environment Table 5.2 – Securing Mitigation	<u>Change in character of</u> <u>HLCA22 and other HLCAs.</u>	Code of Construction Practice Where possible the land required for the construction of the treated effluent transfer pipelines, following the works, will be returned to its current character.	<u>Construction</u>	Section 4.4 (Construction Environment Management) and 7.4 (Land quality, soil management), CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Section 5.4, Outline SMP (Appendix 6.3, App Doc Ref 5.4.6.3)	<u>DCO Schedule 2</u> <u>Requirement 8 – COCP,</u> <u>Requirement 9 – CEMP</u>
<u>HE-2</u>	<u>Chapter 13: Historic</u> <u>Environment</u> <u>Table 5.2</u> <u>Securing</u> <u>Mitigation</u>	Operational change within the setting of heritage (HE011, HE040, HE095 and HE096) and historic landscape (HLCA69) assets.	Lighting Design The lighting will be designed to reduce the upward spread of light and to minimise glare, reducing the impact on the surrounding heritage assets. It will also only be switched on when activated by a sensor, or where required for a specific task.	<u>Operation</u>	Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5).	DCO Schedule 2 Part 1 Requirement 7 Detailed design

<u>HE-3</u>	<u>Chapter 13: Historic</u> <u>Environment</u> <u>Table 5.2 – Securing</u> <u>Mitigation</u>	Operational change within the setting of heritage (HE011, HE040, HE095 and HE096) and historic landscape (HLCA69) assets.	Landscape Masterplan The landscape master plan will be designed to reduce the visual impact on historic landscape assets and character area.	<u>Operation</u>	ES Chapter 3 Alternatives Section 7 Landscape Evolution, Building Heights, and Finishes (App Doc Ref 5.2.3) Figure 4-1 within the LERMP (Appendix 8.14App Doc Ref 5.4.8.14)	DCO Schedule 2 Part 1 Requirement 11– LERMP
<u>HE-4</u>	Chapter 13: <u>Historic</u> Environment		rt 1 impacts from change within effluent transfer pipelines, following - current character. <u>Requirement 13– AIMS</u> Archaeological remains which will be impacted by the proposed	the works, will be ret		
	2 Securing Change in racter of HLCA22 and other Where possible the land	the setting or to the Sectio			7.3.7, (Appendix 2.1, App	
required	For the construction of the treated	character of heritage asset	s -archaeological investigation and recording to be agreed with CHET.		Doc Ref 5.4.2.1)	
Historic <u>Per</u> constructio		<u>(HE011, HE040, HE095,</u> <u>HE096).</u>				

Construction CoCP Part A 7.3 (Historic Mitigation

Archaeological Mitigation Strategy









FRequirement of the draft DCO (App

Doc Ref 2.1).13-

AIMS



Archaeological remains which will be impacted by the proposed HE1306, HE1307, <u>HE1308,</u> and 7.3





Ref	Source	Descri	ption of impact Mitiga	tion measure	Phase	Reference document Sec	curing mechanism
Chapter number	Mitigation location	Description of impact	Mitigation measure		Secured by		
		_			comply with the Light Doc Ref 5.4.2.5).	ting Design Strategy (Арреndix 2.5, Ар	P
<u>HE-7</u>	Chapter 13: Historic Environment <u>Table 5.2 – Securing</u> <u>Mitigation</u>	Table 5.2 - Securing Mitigation	Permanent construction impacts from <u>Temporary</u> change within the setting and/or to the character of heritage assets (HE011, HE095, HE040, HE095, HE096) during construction.	Archaeological remains which will be impacted by the proposed development will be subject to an additional programme of archaeological investigation and recording to be agreed with CHET. Construction Traffic Management Plan Construction traffic will be routed around rather than through Horningsea Conservation Area. As set out within CoCP Part A Section 7.6 (Traffic and Transport, Construction traffic management plan (CTMP)) a CTMP will be implemented to reduce and manage the effects of construction vehicle movements associated with the Proposed Development. The landscape master plan will be designed to reduce the visual impact on historic landscape	Construction	Landscape, Ecological and Recreational Management PlanSection 4 (Access and route strategy, Table 4-1) CTMP (Appendix 8.1419.7, App Doc Ref 5.4.8.14) which is secured through a requirement in the draft DCO (5.4.19.7) Sections 4.4 (Construction Environment Management) and 7.6 (Traffic and transport) CoCP Part A (Appendix 2.1, App Doc Re 2.1 5.4.2.1)	DCO Schedule 2 Requirement 8 – COCP, Requirement 9 – CEMP
Chapter 13: Historic Environment	Table 5.2 Securing	Removal of archaeological remains (HE1303, HE1304, HE1306, HE1307, HE1308, HE1310,		vill be impacted by the proposed development will be subject to haeological investigation and recording to be agreed with CHET.		igation Method Strategy secured at of the draft DCO (App Doc Ref 2.1)	

HE1328 and HE1329).

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Environment HE096) during construction. Construction Measures are set out within _____Sections 7.3 and 7.6 of the CoCP, Part A. 4.4 (CEMP) 5.9 the setting and/or character (Lighting) para 5.9.4 CoCP





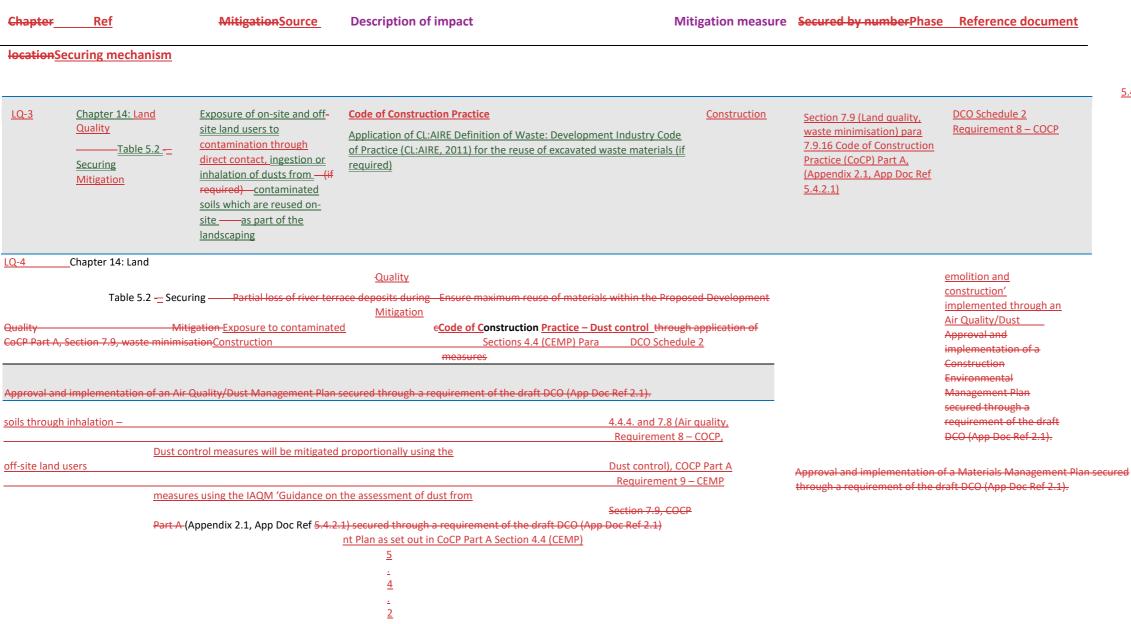
Description of impact Ref Source Mitigation measure Phase Securing mechanism **Reference document** <u>LQ-1</u> Chapter 14: Land Design of proposed WWTP and transfers DCO Schedule 2 Damage from aggressive **Operation** ES Chapter 2, Section 2.8 Quality ground conditions on buried Requirement 7 – Detailed Waterbeach pipelines para Design of structures and materials for the ground conditions present structures and 2.8.17, 3.4 Construction <u>design</u> Table 5.2 - Securing infrastructure: water supply techniques and **Mitigation** pipe infrastructure, methodology para 3.4.29 concrete structures (e.g., (App Doc Ref 5.2.2) foundations) and tunnels. ES Chapter 14, Table 2-14 (App Doc Ref 5.2.14) LQ-2 Chapter 14: Land r supply environmental pipe infrastructure, management (App Doc Ref <u>Quality</u> concrete structures (e.g., 5.2.2) foundations) and tunnels. Section 7.3 & 7.6, CoCP Part AAsset Management Plan Table 5.2 – Securing (Appendix 29.1, App Doc Ref 5.4.2.1) secured through a requirement of the **Mitigation** draft DCO (App Doc Ref 2.1) Damage from aggressive Asset Management Plan ES Operation Chapter 2 Project DCO Schedule 2 ground conditions on buried Operational monitoring structural conditions and asset Description Section 5.1 Requirement <u>7 – Detailed</u> structures and inspe ctions (secondary) Oper ation, Operational <u>design</u> i. <u>n</u> r <u>a</u> <u>S</u> t r <u>u</u> <u>C</u> t <u>u</u> <u>r</u> <u>e</u> 1 W <u>a</u> <u>t</u>

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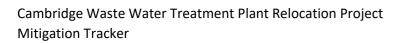
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Ref	Source	Descrip	otion of impact	Mitigation measure		Phase	Reference document	Securing mechanism	<u>n</u>	
<u>LQ-5</u>		Table 5.2			ition of Waste: Development Industry	Construction		Section 7.9, COCP Pa		Deleted Cells
		- Securing		Code of Practice (CL:AIRE, 2 materials	011) for the reuse of excavated waste			(Appendix 2.1, App D Ref 5.4.2.1) secured	90	Inserted Cells
		Mitigation			ction Practice – Excavated Material			through a requireme	nt of	Inserted Cells
				Management				the draft DCO (App D	oc	
								Ref 2.1)		
								Approval and		
								implementation of a		
								Construction Environmental		
								Management Plan se	cured	
	Chapter 14:							through a requireme	nt of	
	Land Quality							the draft DCO (App D	oc	
								Ref 2.1).		
								Approval and		
								implementation of a		
			Partial loss of river terr	race				Materials Manageme Plan secured through	nt .a	
			Migration of contamination or leach					requirement of the d	raft	
			from inappropriate reu					DCO (App Doc Ref 2.2		
			of soils on the propose				Sections 4.4 (CEMP) Para	DCO Schedule 2		Inserted Cells
			WWTP site deposits du				4.4.4. and 7.9 (Waste	Requirement 8 – COC	P,	
			<u>construction</u>				management and resourc		<u>IP</u>	
					arough Any pre-existing contamination	would be adequately	managed through Approva	I and implementation of a		
LV-1 Cha	apter <u>1415</u> : <u>Landscape</u> Damage to retained	Construction	on Environmental Land	proposed WWTP_				App Doc Ref 5.4.8.1	7	
Code of C	onstruction Practice –		Mitigation	proposed wwwn				<u>App Doc Net 3.4.0.1</u>	<u> </u>	
	n of working area		0		preferential pathways to cont			-		
	Construction				operational Management Plan se		uirement of the draft DCO (A	op		
	Proposed WWTP			(by piling, pipelines, tunn	elling and area is suitable for u	se. Doc Ref 2.1).				
vegeta	and Visual ation within the area			construction of shafts)						
-	oricultural Impact									
	Minimise road							<u>Waterbeach</u> <u>Pipeline</u>		
	and junction							Arboricultura		
	widening for							Impact		
	work areas including							Outline		
	temporary							SMPAssessme	2	
								<u>nt</u> (Appendix 6.3<u>8.19</u>, App		
of land requi								Doc Ref		
Assess	ment (Appendix 8.17,							5.4.6.3) which		
construction	Table 5.2 Securing							are secured		
	access as indicated in							through the		
								15	h	
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Chapter	Ref		igationSource Dese	cription of impact N		Secured by numberPhase	R
<u>locument</u>	IocationSecuring n Chapter 15: Landscape and Visual Table 5.2 – Securing Mitigation	Table 5.2 -Securing Mitigation	Direct and indirect impacts on landscape character and visual receptors due to operation of the proposed WWTP due to presence of new infrastructure in the rural landscape increases urbanising influence on the features in the Eastern Fen Edge Chalklands and the River Cam Corridor LCA and views close to proposed WWTP and Outfall.Damage to existing vegetation to be retained	 <u>Design of Januscape masterplan within the LERWP to derive a</u> multifunctional masterplan that integrates design measures (ea bank and planting) to integrate the development into the lands and screen tall structures to minimise prominence of the infrastructure in the landscape and views. <u>Landscape design and maintenance within the landscape master</u> in the LERMP_CoCP Parts A (App Doc Ref 5.4.2.1 & 2) which require that any planting as part of the Proposed Development which d becomes seriously damaged or diseased within five years after completion of construction will be replaced in the first available planting season with stock of the same species and size as that originally planted unless otherwise agreed with the Local Plann 	17), m arth cape erplan uires lies or e ing ngsea	f e q u i f e Section 7.2, CoCP Part A (Appendix 2.1, App Doc Ref s.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1)8.6, Mitigation through Green infrastructure in the Design and Access Statement (Application Document Ref 7.6). Figure 3.1 within the Landscape, Ecological and Recreational Management Plan (App Doc Ref 5.4.8.14	f E S C S C S CO Sch D CO Sch Requirer
						m e n t	<u> </u>
	Table 5.2 – Securing					use, Waste minimisation)	
	<u>Mitigation</u>		applic use, V	e of materials within the Proposed Development through cation of CoCP Part A, Section 7.9 (Waste management and resourd Naste minimisation) implemented through an approved Materials ogement Plan	<u>ce</u>	COCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)	
			<u>dule 2</u> <u>ent 8 – COCP,</u> <u>ent 9 – CEMP</u>			5 0 f t	

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DCO (App	
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ChapterRef by number Phase	MitigationSource	Description of impact	Mitigation measure	e Secured
LV-3 Chapter 15: Landscape a Direct and indirect impacts on landsca character and visual receptors due to Visual operation of the proposed W presence of new infrastructure in the	Table 5. • <u>Mitigation</u> pe Landscape and Mitigatio WTP due to	5.2 Securing Selection of m WWTP as des Document Re Document Re <u>Landscape de</u> the LERMP (A construction: Low Fen Drov	naterials and finishes to the structures of the proposed cribed in the Design and Access Statement (Application f 7.6). sign and maintenance within the landscape masterplan in ppendix 8.14, App Doc Ref 5.4.8.14). Initial planting during trees along Horningsea Road, trees and hedgerows along e way and planting in gaps in the existing shelter belt hingsea and the Proposed WWTP.	Landscape, Ecological and Recreational Management Plan (App App Doc Ref 5.4.8.14) which is secured through a requirement DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environmenta Management Plan secured through a requirement of the draft Doc Ref 2.1).
landscape increases urbanising influer Chalklands and the River Cam Corrido Outfall. Design of landscape masterplan with masterplan that integrates design me development into the landscape and the infrastructure in the landscape and infrastructure in the landscape and vie	r LCA and views close to proposed in the LERMP to derive a multifur resures (carth bank and planting) screen tall structures to minimise ad views-proposed WWTP VWTP to minimise prominence of	Fen Edge I WWTP and <u>Operation</u> to integrate the prominence of	ES Chapter 3 Alternatives Section 7 Landscape Evolution, Building Heights and Finishes (App Doc Ref 5.2.3) Section 8.6, Mitigation through Green infrastructure in the Design and Access Statement (Application Document Ref 7.6).	Section 7.2 Tree/Hedgerow removal, CoCP Part A and Section 3 (Appendix 2.1 & 2.2, App Doc Refs 5.4.2.1 and 5.4.2.2) secured requirement of the draft DCO (App Doc Ref 2.1). Section 5.4, Outline SMP (Appendix 6.3, App Doc Ref 5.4.6.3) w secured through requirements of the draft DCO (App Doc Ref 2
<u>ES Chapter 2</u> <u>Project</u>	<u>Desc</u> n Sec 2.13		2 13 1 (App Doc Ref 5 2 2)	SCO Schedule 3 Requir DCO Schedule 2 Part 1 Require



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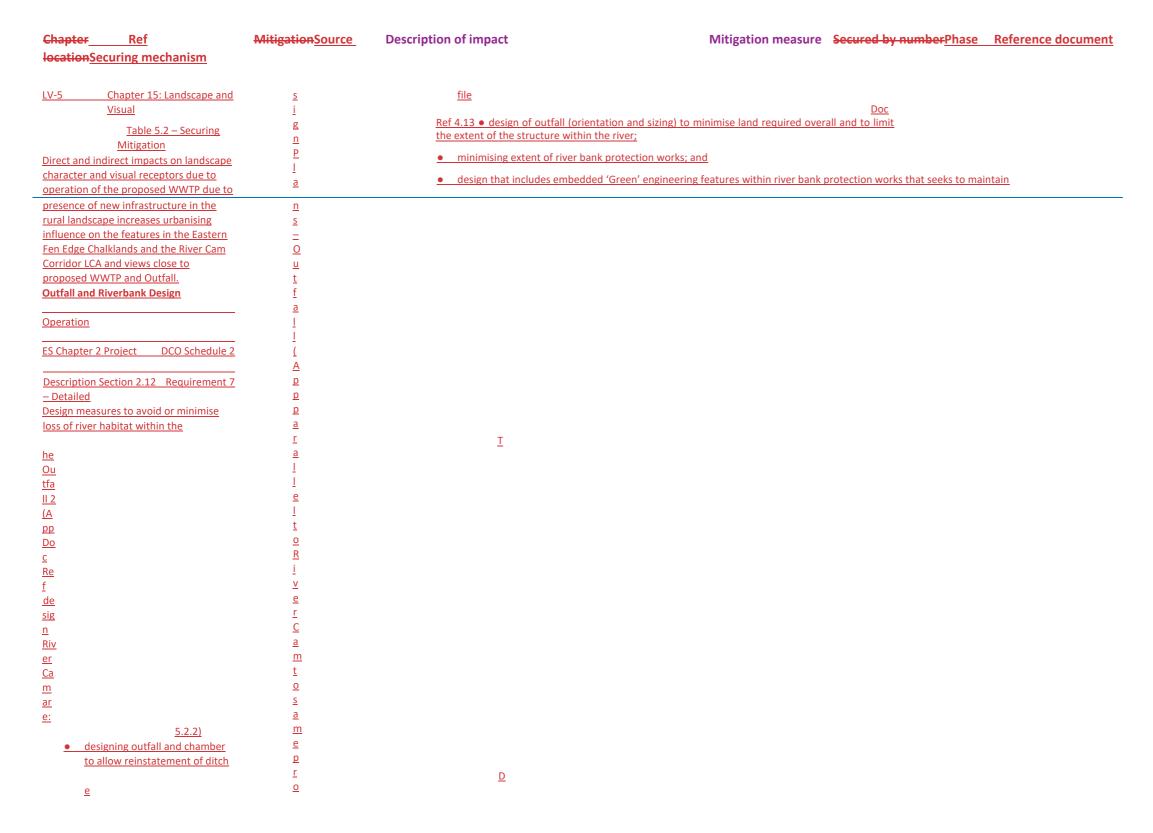


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Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker









Chapter<u>Re</u> mechanisi	ef MitigationSource m	Description of impact	Mitigation measure Secured	l by n i	umber <u>Phas</u>	e Referenc	love every a anglianwa
			hydrological connection to the river bank and encourage natural reinstatement of marginal vegetation.				
<u>LV-6</u>	Chapter 15: Landscape	Direct and indirect impacts	Outfall and Riverbank Design	Ope	Inserted Cell	s	
	and Visual	on landscape character and	Design measures to avoid or minimise loss of river habitat within the		Inserted Cell		
	Table 5.2 – Securing	visual receptors due to operation of the proposed	River Cam are:		Inserted Cell		
	Mitigation	<u>WWTP due to presence of</u>	designing outfall and chamber to allow reinstatement of ditch		Inserted Cell	-	
		new infrastructure in the	parallel to River Cam to same profile		Inserted Cell		
		rural landscape increases	design of outfall (orientation and sizing) to minimise land required	d	inscrited een		peration of the
		urbanising influence on the features in the Eastern Fen	overall and to limit the extent of the structure within the river;				be minimised
		Edge Chalklands and the	minimising extent of river bank protection works; and			through rea determined	tifying erosion as
	<u>River Cam Corridor LC.</u> <u>views close to propose</u> <u>WWTP and Outfall.</u>	River Cam Corridor LCA and	 design that includes embedded 'Green' engineering features 				HmonitoringDoc
			within river bank protection works that seeks to maintain hydrological connection to the river bank and encourage natural reinstatement of marginal vegetation.			<u>Ref 4.13</u>	
<u>Direct and</u> <u>indirect</u> <u>impacts</u> <u>Outfall</u> <u>Managemer</u> and	<u>Chapter 15: Landscape a</u> <u>Visual</u> <u>Table 5.2 – Securing</u> <u>Mitigation</u>	operation of the proposed	Direct and indirect impacts related to operation of the out Approval and implementation of a OMMP secured through a requirem receptors due to minimised through rectifying erosion as determined to operational of the c Doc Rel operation Imponitoring WWTP due to	hent<u>visi</u> through traft DC F 2.1). onal	ual	peration	ES Chapter 2 F Description Sec The Outfall 2 (5.2.2) Design Plans – Outfall (App Doc Ref 4.13 Outline Outfall Management a
Monitoring			cture in the rural landscape				Monitoring Pla
Plan on		<u>Eastern Fen Edge Chalklan</u>	ence on the features in the ups and the River Cam				<u>Ref 5.4.8.24)</u>
landscape character an	<u>Id</u>	Corridor LCA and views clo	ose to proposed WWTP and				
		Outfall.					
<u>_V-8</u>	Chapter 15: Landscape and Visual	Direct and indirect impacts		Oper	Inserted Cell	S	
	Table 5.2 Securing	on landscape character and visual amenity receptors due	Lighting Design Strategy		Inserted Cell	S	
	Mitigation	to operation construction of	Pesign of structures to reduce visual impact, design of lighting to		Inserted Cell	s	
		the proposed WWTP due to	minimise lighting impacts on the night-time landscape and views.	l	Inserted Cell		t in the draft
		presence of new	Design measures to prevent or minimise artificial light are:				oc Ref 2.1)
		infrastructure in the rural landscape increases	exclusion of lighting provision on the access road				Ecological and
	<u>urbanising influence on the</u> <u>features in the Eastern Fen</u> <u>Edge Chalklands and the</u> <u>River Cam Corridor LCA and</u> <u>views close to proposed</u>		 the use of directional lighting of <2700K and use of maximum height lighting columns of 5m within the proposed WWTP habitat creation within the landscape masterplan that serves a screening function once mature 			Pecreationa	l Management



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Ducient	DCO Cabadul	. 2	
	DCO Schedule Requirement		
(App Doc Ref	management		
	monitoring pl	an	
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Approval and implementation of a detailed management and monitoring plan secured to comply with LERMP secured through a requirement of the draft DCO (App Doc Ref 2.1)





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Chapter 15:	Table 5.2 - Securing	character and visual amen construction of the WWTF	ity due to Pand the presence	Provision of solid hoardings between Shaft 4 construction compound	Requirement for solid hoardi	ng at shaft 4 and screening at the cor
		of construction equipmen the Eastern Fen Edge Chal Cam Corridor LCA and view WWTP and Outfall.	klands and the River	Management of impacts to land temporarily required managed through measures as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1 & 5.4.2.2):		of a Construction Environmental rough a requirement of the draft DC
				 requirement within the CoCP Part A for the reinstatement of ditches temporarily disturbed during construction minimising severance of hedgerows and reinstatement of hedgerows. replanting and maintenance of replanted trees, hedgerow and vegetation removed during construction implementation of measures set out under section 7.4 of the CoCP Part A in respect of Soil Management and in the Outline Soil Management Plan (Appendix 6.3, App Doc Ref 5.4.6.3) which will ensure the rapid and effective reestablishment of habitats especially hedgerows. Management of lighting through the Lighting Design Strategy (Appendit 2.5, App Doc Ref 5.4.2.1) which requires that the contractors incorporate a strategy for temporary lighting into the CEMP(s) (secured through requirements in the DCO), which will collectively secure deliver appropriate mitigation of light during construction. This strategy includes requirements for the use of lighting with no upward 	(Abbendix 2.1 & 2.2. Abb Doc requirement of the draft DCC Outline SMP (Abbendix 6.3. A through the requirements of Construction lighting design t Design Strategy (Abbendix 2. requirement in the draft DCC	pp Doc Ref 5.4.6.3) which are secure the draft DCO (App Doc Ref 2.1) o comply with to comply with the Lig 5, App Doc Ref 5.4.2.5) secured throu
				orientation or light spill		
Code of Const	Construction Section	activity in in the Eastern Fen etEdge Chalklands and the mRiver Cam Corridor LCA and eviews close to proposed WWTP and Outfall.			<u>B (Appendix 2.2, App Doc</u> <u>Ref 5.4.2.2)</u> <u>Section 4.4 (Construction</u> <u>environment management</u> <u>plan CoCP Part A) (Appendix</u>	Landscape Direct and indirect imp Up and General Arrangements 3.1 (3.1 Treated DCO Schedule character and effluent and storm pi
	Shaft 4 construction	visual amenity due to			2.2, App Doc Ref 5.4.2.1) and outfall to the River and	compound and
T	able 5.2 – Securing		_Red House Close, ne	ar Poplar Hall Farm House and at the outfall secur		draft DCO (App Doc Ref 2.1).DCO Sch
	litigation	construction of the WWTP and the presence of	compound to partial	ly screen the construction of the proposed WWTP.	Cam) and Section 3.2 (Transfer Tunnel) CoCP Part	Requirement 9 – CEMP
					LIFADSTOR LUDDOUL OF UDST	



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itigation mea	asure	Secured by	numberPhase Reference document locationSecuring mechani	<u>ism</u>		
<u>LV-10</u>	<u>Chapter 15: Landscape</u> <u>and Visual</u> <u>Table 5.2 – Securing</u> <u>Mitigation</u>	Direct and indirect impacts on landscape character and visual amenity due to construction of the WWTP and the presence of construction equipment and activity in in the Eastern Fen Edge Chalklands and the River Cam Corridor LCA and views close to proposed WWTP and Outfall.	i Construction Practice - Replanting and reinstatement habitats of will be and B: nent of impacts to land temporarily required for construction anaged through measures as described within the CoCP Part A • requirement within Section 5.14 (Watercourses/drainage channels) for the reinstatement of ditches temporarily disturbed during construction • minimising severance of hedgerows and reinstatement of hedgerows (Section 7.2 Ecology and Nature Conservation). • replanting and maintenance of replanted trees, hedgerow and vegetation removed during construction	Construction	Sections 5.14 Watercourses / drainage channels, and 7.2 (Ecology and Nature Conservation, Tree/Hedgerow removal CoCP Part A (Appendix 2.2, App Doc Ref 5.4.2.3) Section 3.3 CoCP Part B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1 and 5.4.2.2)	DCO Schedule 2 Requirement 8 – CoCP, Requirement 9 – CEMP
<u>LV-11</u>	<u>Chapter 15: Landscape</u> <u>and Visual</u> <u>Table 5.2 – Securing</u> <u>Mitigation</u>	Direct and indirect impacts on landscape character and visual amenity due to construction of the WWTP and the -presence of construction equipment and activity in in the Eastern Fen Edge Chalklands and the River Cam Corridor LCA and views close to proposed WWTP and Outfall.	Code of Construction Practice Implementation of measures set out under section 7.4 of the CoCP Part A in respect of Soil Management and in the Outline Soil Management Plan (Appendix 6.3, App Doc Ref 5.4.6.3) which will ensure -the rapid and effective reestablishment of habitats especially hedgerows.	<u>Construction</u>	Sections 4.4 (CEMP) Para 4.4.4., Section 7.2 (Ecology and Nature Conservation, Tree/Hedgerow removal and 7.4 (Land Quality, soil management) COCP Part A (Appendix 2.2, App Doc Ref 5.4.2.1) Outline SMP (Appendix 6.3, App Doc Ref 5.4.6.3)	DCO Schedule 2 Requirement 8 CoCP Requirement 9 CEMP
<u>LV-12</u>	<u>Chapter 15: Landscape</u> <u>and Visual</u> <u>Table 5.2 – Securing</u> <u>Mitigation</u>	Direct and indirect impacts on landscape character and visual amenity due to construction of the WWTP and the presence of construction equipment and activity in in the Eastern Fen Edge Chalklands and the River Cam Corridor LCA and views close to proposed WWTP and Outfall.	Lighting Design Management of lighting through the Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5) and the CoCP Part A, Section 5.9 (Lighting) 2.5(Appendix 2.1, App Doc Ref 5.4.2.1) which requires that the contractors incorporate a strategy for temporary lighting into the CEMP(s)-(secured through requirements in the DCO), which will collectively secure deliver appropriate mitigation of light during construction. This strategy includes requirements for the use of lighting with no upward orientation or light spill	Construction	Section 5.9 Site Lighting CoCP Part A and Section 3.3 of Part B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1 and 5.4.2.2) Lighting Design Strategy (Appendix 2.5, App Doc Ref 5.4.2.5)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP DCO Schedule 2 Requirement 14 – Construction lighting
LV-13 Landscap	Chapter 15: <u>Landscape</u> - DCO Schedule 2 and Visual the and Mitigation		Direct and indirect impacts Code o	of Construction Prac	ctice Construction S	Requirement 8 CoCP
	Table 5.2 – Securing	visual receptors due to Visual	measures as described within the CoCP Part A and B (Appendix 2.1 & 2.2,		Conservation) Tree/Hedgerow removal,	DCO Schedule 2
	Mitigation		App Doc Ref 5.4.2.1 & 5.4.2 2):			Requirement 9 CEMP



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construction of Waterbeach Pipeline		u
<u>Pipeline</u>	requirement within the CoCP Part A for the reinstatement of	S
ripeinte	ditches temporarily disturbed during construction	e
<u>•</u>	use of solid site hoarding/temporary acoustic barriers at	0
	Waterbeach construction compound and around HDD pit	f
	locations/HDD plant during continuous working periods.	S
•	implementation of measures set out under section 7.4 of the	0
	CoCP Part A in respect of Soil Management and in the Outline	
	Soil Management Plan (App Doc Ref 5.4.6.3) which will ensure	d
	the rapid and effective reestablishment of habitats especially	s
	hedgerows.	i
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 requirement within the CoCP Part A for the reinstatement of ditches 		i
temporarily disturbed during construction	-	Section 7.2, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)
	— <u>•</u>	through a requirement of the draft DCO (App Doc Ref 2.1)
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Secured by numberPhase Reference document locationSecuring mechanism **Mitigation measure** mpact Section 7.2 Tree/Hedgerow removal, CoCP Part A and Section 3.3 of Approval and implementation of a CEMP secured through a requirement of the draft Part B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1 and 5.4.2.2) secured DCO (App Doc Ref 2.1). through a requirement of the draft DCO (App Doc Ref 2.1). pit locations/HDD plant during continuous working periods. **Construction lighting** <u>5.4.2.2)</u> set out under section 7.4 of the CoCP Part A in respect of Soil Management and in the Outline Soil Management Plan (App Doc Ref 5.4.6.3) which will ensure the rapid and effective reestablishment of habitats especially Outline SMP (Appendix hedgerows. 6.3, App Doc Ref 5.4.6.3) which are secured agement of lighting through the Ligh through the Design Strategy (App Doc requirements of the draft DCO (App Doc Ref 2.1) CoCP Part A and Section 3.3 Construction lighting design to comply with to comply with the Lighting DCO Schedule 2 Design Strategy of Part B (Appendix 2.1 & (Appendix 2.5, App Doc Ref Ref 5.4.2.5)] and the CoCP Part A, Section 5.9 (Lighting) (Requirement 14 – 2.2, App Doc 5.4.2.5) secured through a requirement in the draft DCO (App Doc Ref Ref 5.4.2.1) which requires that the contractors incorporate a strategy for temporary lighting into the CEMP(s) (secured 2.1)2.1) through requirements in the DCO), which will collectively secure deliver appropriate mitigation of light during construction. This strategy includes requirements for the use of lighting with no upward orientation or light spill. and
 Chapter 16:
 Chapter 15: Landscape
 Depletion of material
 Direct
 100% reuse of
 Lighting Design
 DCO Schedule 2 Construction **Deleted Cells** and indirect impacts on **Material** and Visual Requirement 8 CoCP the excavated Management of lighting through the Lighting Design Strategy (App **Inserted Cells** landscape character and Resources material Table 5.2 - Securing DCO Schedule 2 Doc visual resourcereceptors due within trench **Inserted Cells** and Mitigation Section 7.9, Ref 5.4.2.5)] and the CoCP Part A, (Appendix 2.1, Requirement 9 CEMP to the construction of the WasteLVreinstatement Section 5.9 (Lighting) (App Doc Ref 5.4.2.1) which requires that Sections 4.4 (CEMP), and Inserted Cells

14		Proposed	or landsoone	Section 5.9 (Lighting) (App Doc Re	5.4.2.1) <u>which requires that</u>	Sections 4.4 (CEMP) , and	DCO Schedule 2
<u>14</u>		DevelopmentWaterbeach	or landscape	the contractors incorporate a strain	tegy for temporary lighting into	7.2 (Ecology and Nature	Requirement 14 –
		Pipeline	masterplan	<u>the CEMP(s) (</u> secured through a -re	equirement <u>s</u> of in the draft DCO	Conservation,	Construction lighting
			for	(App Doc Ref 2.1)		<u>Tree/Hedgerow removal</u> ,	construction lighting
			Waterbeach	DCO), which will collectively secur	e deliver appropriate mitigation	CoCP Part A and Section	
			Pipeline	of light during		3.3 of Part B (Appendix 2.1	
				Approval and implementation of a	Construction, Environmental	<u>& 2.2, App Doc Ref 5.4.2.1</u>	
				This strategy includes Managemen		and	
				requirement <u>s</u> of <u>for</u> the draft DCO		<u>5.4.2.2)</u>	
				with no upward orientation or ligh		Outline SMP (Appendix 6.3,	
				<u></u>		App Doc Ref 5.4.6.3)	<u>.</u>
				Approval and implementation of a	Site Waste Management Dlan	Lighting Design Strategy	
				secured through a requirement of	0		
					the drait DEO (App Doc Kei	(Appendix 2.5, App Doc Ref	•
				2.1) .		<u>5.4.2.5)</u>	
<u>MW-1</u>	Chapter 16: Material—	Table 5.2 - Securing		Depletion of material	Code of Construction Prac	tice Material reuse Construction Sec	tions 4,4 CEMP para
	DCO Schedule 2						
	Resources and Waste	resources due to the				4.4.4 and 7.9 (Waste Re	equirement 8 CoCP Re
			<u>100% re</u> use of	f 90% of<u>the</u> excavated material withi	n <u>trench reinstatement or</u>		
		construction of the				management and resource	
	Table 5.2 – Securing		landscape	masterplan for Waterbeach Pipeline	through implementation		Requirement 9 CEMP
		Proposed Development				Section 7.9, use) CoCP Part A (Append	lix
	Mitigation		of an appr	oved Site Waste Management Plan.			
						2.1, App Doc Ref 5.4.2.1) secured	

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impact	Mitigation measure	Secured by numberPhase Reference document locationSecuring mechanism	



Description of impact

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<u>MW-2</u>	<u>Chapter 16: Material</u> <u>Resources and Waste</u> <u>Table 5.2</u> <u> Securing</u> <u>Mitigation</u>	Depletion of material resources due to the construction of the Proposed Development	Code of Construction Practice – Material reuse Reuse of 90% of excavated material within landscape masterplan limiting the required imported fill material to 4,373m ³ for Proposed WWTP through implementation of an approved Site Waste Management Plan.	<u>Construction</u>	Sections 4,4 CEMP para 4.4.4 and 7.9 (Waste management and resource use) CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)	DCO Schedule 2 Requirement 8 C DCO Schedule 2 Requirement 9 C DCO Schedule 2 Requirement 9 C including a site v management pla
MW-3	Chapter 16: Material M	itigation Depletion of material e	Code of Construction of the Proposed DevelopmentPractice – Material reuse	limiting required in	mported fill material to 4,373m3	for Proposed WWT
through a re		CO (App Doc Ref 2.1)Construction		DCO Schedule 2	•	
	Resources and —					
Waste Appr	oval and implementation	of a Construction Environmental	resources due to the		5.13 River works para 5.13.1	Requirement 7 [
	·				Management Plan secured the the draft DCO (App Doc Ref 2.	rough a requiremer
					Approval and implementation Management Plan secured th the draft DCO (App Doc Ref 2.	rough a requiremer
Chapter 1(Material Resources Waste	Mitigation	ing Depletion of material re construction of the Prop		reated effluent	Section 7.9, CoCP Part A (App through a requirement of the Approval and implementation Management Plan secured to Doc Ref 2.1). Approval and implementation through a requirement of the	e draft DCO (App Do on of a Construction hrough a requireme on of a Site Waste N
			Use of precast structures (produce less waste) for treated effluent			
		construction of the			CoCP Part A (App Doc Ref	design
Chapter 16:	 Table 5.2 - Securing Mitigation 	Proposed Development	pipework		2.1)	
<u>MW-4</u>	<u>Chapter 16: Material</u> <u>Resources and Waste</u> <u>Table 5.2 – Securing</u> <u>Mitigation</u>	Impact on the availability of material resources due to the construction of the Proposed Development	Code of Construction Practice – Material reuse 100% reuse of the excavated material within trench reinstatement or landscape masterplan for Waterbeach Pipeline through implementation of an approved Site Waste Management Plan.	<u>Construction</u>	Sections 4,4 (CEMP) para 4.4.4 and 7.9 (Waste management and resource use) CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)	DCO Schedule 2 Requirement 8 C DCO Schedule 2 Requirement 9 C including a mate management pla site waste mana plan



<u>e 2</u> : 8 CoCP <u>e 2</u> : 9 CEMP

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Doc Ref 5.4.2.1) secured p Doc Ref 2.1)

tion Environmental ement of the draft DCO (App

e Management Plan secured p Doc Ref 2.1).

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l<u>e 2</u> <u>t 9 CEMP</u> <u>naterials</u> t plan, anc<u>a</u> anagemert Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker



in particular section 4.4-which requires the Principal Contractor(s) to produce a SWMP, Pollution Incident Control



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 emergency response measures including stopping works, training of staff, use of spill response equipment

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Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker

Chapter <u>Ref</u>	MitigationSource	Description of impact	Mitigation meas	sure	Secured by numb	erPhase Reference	<u>ce document</u> loca	ttionSecuring mechanism
	The manag ement of impact s relatin	and/or permanent risk durin reduction of landfill capacity during the construction plac	ng construction, ider measures which w	Part A, Water lood risk, sets out a framework fo ntifying a number of 'standard' m ill be implemented whilst constru ected in an appended plan to/as	itigation Iction work takes	<u>Construction</u>	Sections 4,4 (CEM and 7.9 (Waste n and resource use (Appendix 2.1, App Doc Rei	nanagement) CoCP Part A
Chapter 16: Material Resources and Waste	Table 5.2 - Securin Mitigation	Production of inert waste re temporary occupation of we and/or permanent reduction capacity during the operation WWTP.	aste infrastructures n of landfill	Implementation of the waste F Obtaining an environmental pe permit including the associated	· ermit, operating in accordance-wil	system to c	over waste managem	ental Permit will require managed eent practices and procedures. dations 2011 (as amended
<u>_</u>	Chapter 16: Material Resources and Waste Table 5.2 - Securing <u>Aitigation</u>	resulting in temporary occupation of waste infrastructures and/or permanent reduction of		nagement System the waste hierarchy e p Environmental Permit includir	Operation	Descriptio Operation environme manageme 5.2.2)	n Section 5.1 , Operational	<u>Waste (England and Wales)</u> <u>Regulations 2011 (as</u> <u>amended</u> <u>Environmental Permit</u>
	g to the handli ng of potent ially upation of hazardous waste as set out within Section Chapter 16: <u>Material</u> Resources and Waste	(App Doc Ref 2.1). phase of the Proposed of a Construction Environme through a requirement of th CEMP. Development. during the decommissioning	Approval and in ental Management F e draft DCO (App Do Approval and in a requirement o	vlan secured oc Ref 2.1).	anagement Plan secured through	Compliance with (England and Wa 2011 (as amende <u>DCO Schedule 2</u> <u>Requirement 8 C DCO Schedule 2 F CEMP including a management pla waste managemen</u>	les) Regulations ed) oCP Requirement 9 a materials n, and a site	and Regulations
Material hazardous was temporary	Table 5.2 - Securing <u>Mitigation</u> nert, non-hazardous and <u>Mitigation</u> te resulting in <u>occupation of waste</u>	Cambridge WWTP <u>Existing Environmental</u> <u>Controls – existing Cambrid</u> <u>WWTP</u> <u>Construction</u>	ge Environment		s through application of measure		commissioning Plan-(
infrastructures	and/or anent reduction of	 Compliance with the Wa 						



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Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker

Ref	Source	Description of impact	Mitigation measure	Phase	Reference document	Securing mec
<u>MW-10</u>	<u>Chapter 16: Material</u> <u>Resources and Waste</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	Production of inert, nonhazardous and hazardous waste resulting in temporary occupation of waste infrastructures and/or permanent reduction of landfill capacity during the decommissioning of the Existing Cambridge WWTP	Decommissioning Management Plan Management of decommissioning activities through application of measures within the outline Decommissioning Plan and the CoCP Part A, Section 4.4 (Construction Environment Management Plan), and Section 7.5 (Water Resources and Flood Risk) which requires that the contractors to prepare a Decommissioning Plan (secured through requirements in the DCO), which will collectively secure deliver appropriate mitigation of the decommissioning activities.	Construction	Decommissioning Management Plan (Appendix 2.3, App Doc Ref 5.4.2.3). CoCP Part A, Section 4.4 (Construction Environment Management Plan), and Section 7.5 (Water Resources and Flood Risk) (Appendix 2.1, App Doc Ref 5.4.2.1)	DCO Schedule 2 Requirement 8 DCO Schedule 2 Requirement 9 including a deta decommissioni where the relev includes decom which must acc outline decomr plan.
<u>MW-11</u>	Chapter 16: Material Resources and Waste	Production of non- hazardous waste resulting	Design - Resource Recovery Sludge produced by the Proposed WWTP is recycled and will be used as	Operation	ES Chapter 2 Project Description Para 1.8.6,	Environmental DCO Schedule 2
	Table 5.2 - Securing Mitigation	in temporary occupation of waste infrastructures and/or permanent	bio-fertilizer and spread on land.		Section 5.1 Operation, Resource Recovery (App Doc Ref 5.2.2)	Requirement 7 design
		reduction of landfill capacity during the operation of the <u>Proposed WWTP.</u>				
<u>NV-1</u>	<u>Chapter 17: Noise and Vibration</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	<u>Construction noise impacts</u> <u>from the works at Shaft 4</u> <u>and the Outfall.</u>	Code of Construction Practice Application of BPM in accordance with BS 5228 and the Control of Pollution Act 1974 and the Environmental Protection Act 1990. Measures are set out within the CoCP, Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1 & 5.4.2.2). • Restriction of working hours to avoid sensitive time periods for works at Shaft 4 and the Outfall. • Use of solid site hoarding/temporary acoustic barriers at Shaft 4, Waterbeach construction compound and around HDD pit locations/HDD plant during continuous working periods.	<u>Construction</u>	Sections 4.4 (Construction environment management plan), and 7.7 (Noise and vibration), CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) CoCP Part B Section 3.1 (Appendix 2.1, App Doc Ref 5.4.2.2)	DCO Schedule 2 Requirement 8 DCO Schedule 2 Requirement 9 including a nois vibration mana
<u>NV-2</u> Constructio	<u>Chapter 17: Noise and</u> n <u>Practice Noise managem</u> Vibration	Noise from heavy vehicles ent on construction traffic	Code ofTable 5.2 - SecuringPollutionEnvironmental Protection Act 1990. MeasuresMitigation Environment Management Plan), and SectionApplication ofBPM inaccordancewith BS 5228and theControl ofControl of	t within the CoCP, the contractors & 5.4.2.2). to the		



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<u>e 2</u> <u>etailed</u> <u>oning plan</u> <u>levant phase</u> <u>ommissioning</u> accord with the <u>mmissioning</u>

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Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker



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Chapter <u>Ref</u> MitigationSourc	e Description of impac	t Mitigation measure	Secured by numberPha	ase Reference document locationSecuri	ng mechanisn
		implementatio n of a <u>Noise &</u> <u>Vibration</u> <u>Management</u> <u>Plan</u>	Construction Environmental <u>Traffic</u> Management Plan secured through a requirement of the draft DCO (App Doc Ref 2.1).	Secured through a requirement in the draft D(comply with the Decommissioning Manageme Doc Ref 5.4.2.3).	
			s in the DCO), which will collectively secure deliver ce with the Waste (England and Wales) Regulations ropriate mitigation of the decommissioning imended)	<u>Construction Traffic</u> <u>Management Plan</u> <u>(Appendix 19.7, App Doc</u> <u>Ref 5.4.19.7), secured through</u>	traffic managem ent plan which must
			id sensitive time periods and the use of solid site		<u>accord</u> with the
<u>5.4.2.1) CoCF</u>	(Noise and vibration) CoCP Par	<u>hoarding/temporary acoustic barri</u> <u>t A (Appendix 2.1, App Doc Ref</u>	D R D C	CO Schedule ə2 + equirement 8 CoCP CO Schedule 2 Requirement 9 EMP including a noise and ibration management plan,	<u>measures</u> set out in <u>the</u> <u>constructi</u> <u>on traffic</u> managem
	<u>1, App Doc Ker</u> 2.1	<u>5.4.2.1)-</u>		nd a detailed construction	ent plan
	Euring non-and sp gation hazardous waste resulting in temporary occupation of waste infrastructures and/or permanent reduction of landfill capacity during the operation of the Proposed WWTP.	read on land.			
Chapter 17: Table 5.2 Securing Noise and Mitigation Vibration	noise impacts Control of Pollu from the Protection Act- works at Shaft Measures are s 4 and the (Appendix 2.1.1 Outfall. • Restriction periods for • Use of solid	BPM in accordance with BS 5228 and the oution Act 1974 and the Environmental 1990. et out within the CoCP, Part A and B & 2.2, App Doc Ref 5.4.2.1 & 5.4.2.2). of working hours to avoid sensitive time works at Shaft 4 and the Outfall. I site hoarding/temporary acoustic barrier Waterbeach construction compound and	Sections 7.7, CoCP Part A (Appendix 2.1, App Doc Ref 5 of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Enviro Management Plan secured through a requirement of t Approval and implementation of a Noise & Vibration I requirement of the draft DCO (App Doc Ref 2.1).	onmental he draft DCO (App Doc Ref 2.1).	

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<u>fic</u> lagem plan ch th vrd the sures	
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				und HDD pit locations/HDD plant during continuous				
			wu	king periods.				
apter 17	7.	Table 5.2	Noise from	Application of BPM in accordance with BS 5228 and the Control of Pollution Act 1974	Sections 7.7 CoCP Part	A (Appendix 2.1, App Doc Ref 5	(1,2,1) secured through a	
apter 17 vise and	-	A	heavy vehicles	and the Environmental Protection Act 1990.		ft DCO (App Doc Ref 2.1).	4.2.1) Secured through a	Deleted Cells
ibration		-	on construction	Measures are set out within the CoCP, Part A and B (App Doc Ref 5.4.2.1 & 5.4.2.2).				Deleted Cells
			traffic routes		The second second second	ntation of a Construction Enviro		Deleted Cells
				Implementation of the Construction Traffic Management Plan (App Doc Ref 5.4.19.7).	0	red through a requirement of th	e draft DCO (App Doc Ref	Deleted Cells
					2.1).			
				Restriction of working hours to avoid sensitive time periods and the use of solid site	Construction Traffic Ma	magement Plan (Appendix 19.7,	App Doc Ref	
				hoarding/temporary acoustic barriers when required.	5.4.19.7), secured throu	ugh a requirement of the draft D	OCO (App Doc Ref 2.1)	
					A second and inclusion		New second	
						ntation of a Noise & Vibration M of the draft DCO (App Doc Ref 2	0	
					anough a requirement	e. ale diale bee (hpp bee her z	,.	
<u>V-3</u>	Chapter 17:		Construction	Code of a Construction Environmental Practice Construction		para 4.4.4, and 7.7 (Noise and	DCO Schedule 2	Inserted Cells
	Noise and	-	vibration during works	Noise Mmanagement		(Appendix 2.1, App Doc Ref th a requirement of the draft DC	Requirement 8 CoCP	Inserted Cells
	Vibration		at the	Application of BPM in accordance with BS 5228	(App Doc Ref 2.1).CoCP		DCO Schedule 2	Inserted Cells
	<u>Table 5.2 -</u>		Waterbeach	and the Control of Pollution Act 1974 and the Environmental Protection Act 1990.			<u>Requirement 9 CEMP</u> including a noise and	
	Securing		pipeline,	Measures are set out within the CoCP, Part A			vibration management	
	<u>Mitigation</u>		Transfer	and B (Appendix 2.1 & 2.2App Doc Ref 5.4.2.1 &	Approval and implemental	ntation of a Construction	<u>plan</u>	
			tunnel and Final effluent	5.4.2.2). Use of low vibration sources of		red through a requirement of th	æ	
			pipeline	equipment.	draft DCO ((Appendix 2	· · · · · · · · · · · · · · · · · · ·		
					- <u>5.4.2.1)</u>			
<u>-1</u>		_						-
	Chapter 18: O			rom biogasDesign - Flaring controls	Operation		Legal requirement for IED	
lease to	<u>air (if required)</u> A	oproval and i	mplementation o	f a Noise & Vibration Management Plan secured through a requirement of the draft DO	COS e	ection 2.8 (App Doc Ref 2.1).	permit from the	
Chapter-	18: Table S	5.2 - Securing	Odour-emise	sion from biogas release to air (if	usage will be limited	Legal requirement for IED perr	nit from the Environment Ager	ncy
Odour	Mitiga	tion	required)	under IED permit controls including detailed OMI	0			
				Doc Ref 5.4.18.4) outlining operational odour ma	· · · · · · · · · · · · · · · · · · ·			
				and reporting measures.				
hapter 1	8:- Table 5.2 - Sec	curing	Ode	our To minimise emissions to air during use and flare usage will be limited from draining				
						5.2.2) Environment Ager	ncy Transfer of the existing	



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ent 9 CEMP	liisei teu Celis	
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Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker



Chapter <u>Re</u> mechanisr	ef MitigationSource n	e Description of impact	Mitigation measure	Secured by numberPhase F	Reference document locationSect
		<u></u>	Ooc Ref 5.4.18.4) outlining operational odour manageme	nt <u>, plan atmonitoring</u> Outline OMP (Appendix	<u>Conditions set out within the existing Cambridg</u>
WWTP Envir	onment Odour		Mitigation	the waste	water storage tanks and equipment- the exis
Cambridge V	VWTP to the proposed	WWTP. Section 3.5, and reporting r	measures. Permit. 18.4, App Doc Ref 5.4.18.4)		
Chapter	Mitigation	Description of impact	Mitigation measure		Secured by
number	location				
<u>0-2</u>	<u>Chapter 18: Odour</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	Odour emission from draining and cleaning of the waste water storage tanks and equipment	OMP (Appendix 18.4, App Doc Ref 5.4.18.4). Removal of residual sludge via suction pump and taken offsite for treatment, or treated onsite such as in a quick lime dosing plant. Implementation of Section 6, Decommissioning Management Plan (Appendix 2.3, App Doc Ref 5.4.2.3) Operational controls Transfer of the existing permit controls and odour management plan at the existing Cambridge WWTP to the proposed WWTP.	OperationES Chapter 2 ProjectDescription Section 2.5Odour Control andSection5.1 Operational OdourControl (App Doc Ref5.2.2)	Approval and implementation of a Construction Environmental Management Plan secured through a requirement draft DCO (App Doc Ref 2.1). DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP
			Odour Control Equipment Use of odour suppression equipment, such as fogging/misting systems. Section 7.8, Construction odours of the CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1).		Secured through a requirement in the draft DC Doc Ref 2.1) to comply with the Decommission Management Plan (Appendix 2.3, App Doc Ref
Chapter 18: Odour	Table 5.2 - Securing Mitigation	Odour emission from normal operation of the proposed WWTP	Controls required by the IED permit such as operating in 18.4, App Doc Ref 5.4.18.4), and having an established		Legal requirement for IED permit from the Envi Agency-including OMP (Appendix 18.4, App Do 5.4.18.4)

Design measures to manage odour release

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Ref 5.4.2.3).			
Environment	Deleted Cells	 	
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Chapter	<u>Mitigation</u> location	Description of impact	Mitigation measure Secured by		love every anglianwa
	<u>Chapter 18: Odour</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	Odour emission from draining and cleaning of the waste water storage tanks and equipment	Odour Management Removal of residual sludge via suction pump and taken offsite for treatment ₇ or treated onsite such as in a quick lime dosing plant. Implementation of Section 6, Decommissioning Management Plan (Appendix 2.3, App Doc Ref 5.4.2.3)	<u>Operation</u>	ES Chapter 2 Project Description Section 2.5 Odour Control and Section 5.1 Operational Odour Control (App Doc Ref 5.2.2) Section 6, Decommissioning Management Plan (Appendix 2.3,App Doc Ref 5.4.2.3)
_	<u>Chapter 18: Odour</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	Odour emission from normal operation of the proposed WWTP	Odour Management <u>Controls required by the IED permit such as operating in accordance with</u> <u>approved OMP, and having an established emergency response</u> <u>procedure</u> <u>s</u> .	<u>Operation</u>	ES Chapter 2 Project Description Section 2.5 Odour Control and Section 5.1 Operational Odour Control (App Doc Ref 5.2.2) OMP (Appendix 18.4, App Doc Ref 5.4.18.4)
<u>0-5</u>	Chapter 18: <u>Odour</u>	proposed WWTP	Odour emission from <u>Design - Odour Control</u> Legal requirement for IED permit from the Environment Agency including <u>Design measures to manage odour release</u> : I reception areas at the terminal pumping		
Odour	Mitigation	proposed WWTP station,	inlet works and sludge tanks		OMP (Appendix 18.4, App Doc F



DCO Schedule 2 Requirement 8 CoCP

DCO Schedule 2 Requirement 9 CEMP

Legal requirement for IED permit from the Environment Agency

DCO Schedule 2 Requirement 7 Detailed design

c Ref 5.4.18.4)



/ number<u>Phase</u>	<u>Ref</u> Reference	<u>Source</u> document_locationSe	Description of impact curing mechanism	Mitigation meas	<u>ure</u>	<u>Phase</u>	Reference document	Securing mechanism
-				Section 7.8, Constru Doc Ref 5.4.2.1).	ction odours of the CoCP Part A (Appendix 2.1, App		Section 3.5, Outline OMP (Appendix 18.4, App Doc Ref 5.4.18.4).	
-			▲●Low tur	bulence processes				
			▲● Venting	of air from TPS, inlet a	nd sludge tanks through the odour control plant			
			<u>+●</u> _Odour o	control facilities will be	critical equipment to operate continuously in all cond	itions and supplied wi	th a UPS	
	Chapter 18: Odour	Table 5.2 - Securin Mitigation	g Odour emission from sho	ort-term tie- in works	Measures within CoCP Part B (Appendix 2.2App Do out how potential odour impacts arising from activi connecting into and diverting existing sewers will b	ties associated with	Sections 7.8, CoCP Part A (Ap through a requirement of the	pendix 2.1, App Doc Ref 5.4.2.: • draft DCO (App Doc Ref 2.1).
					Section 7.8, Construction odours of the CoCP Part A Doc Ref 5.4.2.1) in particular the requirement for th extraction system and a mobile odour filtration unit sewer shafts.	ie use of air		
	Operation	ES Chapter 2 Project	<u>t</u>					

<u>O-6</u>	<u>Chapter 18: Odour</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	<u>Odour emission from short-</u> <u>term tie- in works</u>	Code of Construction Practice Odour controlMeasures within CoCP Part B (Appendix 2.2 App Doc Ref 5.4.2.2) setting out how potential odour impacts arising from activities associated with connecting into and diverting existing sewers will be managed.Section 7.8, Construction odours of the CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) in particular the requirement for the use of air extraction system and a mobile odour filtration unit adjacent to the sewer shafts.	<u>Construction</u>	Sections 4,4 CEMP para 4.4.4 and 7.8 (Air quality), CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Sections 3, CoCP Part B (Appendix 2.1, App Doc Ref 5.4.2.2)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP
0-7	Chapter 18: Odour <u>Table 5.2 - Securing</u> <u>Mitigation</u>	Odour emission from sludge tanker spill within the WWTP	Code of Construction Practice Controls required by the IED permit such as operating in accordance with approved OMP, and having an established emergency response procedure.		Outline OMP (Appendix 18.4, App Doc Ref 5.4.18.4)	<u>Legal requirement for IED</u> permit



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.2.1) secured 1).

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Phase Reference document Securing mechanism

D-8 Chapter 18: Odour	Odour emission from transportation of seed	Commissioning Management	ES Chapter 2 Project Description Section 2.5	DCO Schedule 2 Requirement 8 CoCP
<u>Description Sec</u> <u>Odour Control :</u> <u>5.1 Operational</u> <u>Control (App De</u> <u>DCO Schedule 2 Requirement 7 - Det</u> DCO Schedule 2 Requirement 7 Deta	and Section I Odour oc Ref 5.2.2) tailed design			
<u>Table 5.2 - Securing</u> <u>Mitigation</u>	sludge and commencement of biological processes with the proposed WWTP	 <u>Covered reception areas at the terminal pumping station, inlet</u> works and sludge tanks <u>Low turbulence processes</u> <u>Venting of air from TPS, inlet and sludge tanks through the</u> odour control plant <u>Odour control facilities will be critical equipment to operate</u> continuously in all conditions and supplied with an uninterruptible power supply UPS Transport seed sludge in sealed tankers and pumped into the tanks through a closed process 	Odour Control and Section 5.1 Operational Odour Control (App Doc Ref 5.2.2) ES Volume 4 Chapter 2 Appendix 2.4 Outline Commissioning Plan (App Doc Ref 5.4.2.4)	DCO Schedule 2 Requirement 9 CEMP
Chapter 18: Odour Controls required by the IED permit Odour Mitigation		nission from sludge tanker spill within Legal requirement for IED permit from the Environment Agency including with approved OMP (Appendix 18.4, App Doc Ref 5.4.18.4), and having	OMP (Appendix 18.4, App Doc	transportatio
<u>Mitigation</u>		e proposed WWTP Design Measures – Odour Control	<u>Table</u>	5.2 - Securing sludge and co
Impacts managed through the follow	ving design measures:			

Covered reception areas at the terminal pumping station, inlet works and sludge tanks

Low turbulence processes

• Venting of air from TPS, inlet and sludge tanks through the odour control plant

• <u>an established emergency response</u>Odour control facilities will be critical equipment to operate continuously in all conditions and supplied with an uninterruptible power supply UPS Transport seed sludge in sealed tankers and pumped into the tanks through a closed procedures.ss



0-9

on of seed ommencement



by numberPhase Reference document locationSecuring mechanism

Odour <u>O-10</u> Tab	ole 5.2 - Securing tigation	Odour emission from transportation of seed sludge and commencement of biological processes with the proposed WWTP_ operation of vent	Covered Tu the terminal pumpi transfer tunnel with include a permanent height of up to 10m at ground level for Low Ven edo cont unir	-turbulence processes ting of air from TPS, inlet and sludge tanks through the ur control plant ur control facilities will be critical equipment to operate tinuously in all conditions and supplied with an uterruptible power supply UPS Transport seed sludge in ed tankers and pumped into the tanks through a closed	Operation	ES Chapter 18 Odour T <u>11: Maximum design</u> <u>envelope parameters</u> (Rochdale) for odour g <u>assessment</u>	Requireme design Sections 7 (Appendix 5.4.2.1) sec requireme	lule 2 ent 7 Detailed & CoCP Part A 2.1, App Doc Re cured through a nt of the draft Doc Ref 2.1).
Chapter number	Mitigation location	Description of impac	ŧ	Mitigation measure	Chapter 19: Traffic and Transport	Table 5.2 Securing Secured by Mitigation	Construction traf	of the local read
Chapter 18:	Table 5.2 Securing	Short term odour release	from deliveries of			Legal requirement for IED		
Odour	Mitigation	wastewater and sludge				including OMP (Appendix		
	Ū.	C C		Manged through the following measures:		0	· · · · ·	aile
				 Covered reception areas receiving was 	Chapter 19: te water and Traffic and	Table 5.2 Securing	Construction traffi	
				sludge deliveries		Mitigation	adverse effect on f	
				Use of sealed vehicles for the delivery	Transport of waste water		pedestri <mark>an€ent⊦o</mark>	
				and sludge			Horning <u>sea Road</u>	design
								<u>5.1</u>
Chapter 19:	Table 5.2 - Securir	0			load follow the	Approval and implemen	ntation of a Construc	tion Environt
Traffic and	Mitigation	/ delay for users of the l		regulations for notifying authorities.		Management Plan secu	red through a requir	ement of the di onal
Transport		a result of the transport	ation of abnormal	Implementation of the CTMP in particular Section 4.	2 (Local routaing	Doc Ref 2.1). Construction Traffic Ma	nacomont Plan (Ann	
		loads		and site plant vehicle routeing) which requires abnor	· 0		ugh a requirement of	the draft NCO
				specific measures including appropriate vehicle esco				the druit Beo
				where required and timing of movement to be outsi		,		<u>Con</u>
				(i.e., school start and finishing times). All deliveries w				<u>trol</u>
				outside of peak hours (8am-9am and 3-4pm) unless		•		<u>(Ap</u>
				be essential that the delivery is to be completed-duri	ng peak hours.			p
Chapter 19:	Table 5.2 - Securing	g Construction traffic leads	to an increased risk	Implementation of the CTMP in particular Section 7.2		Approval and implement	ation of a Constructi	on Environmen
Traffic and	Mitigation	/ delay for users of the lo	cal road network as	Strategy) which requires the Principal Contractor(s) to	manage and	Management Plan secure	ed through a require	ment of the gra
Transport		a result of the transporta	tion of hazardous	operate a 'near miss' reporting system to ensure any a				
		loads		misses are recorded and investigated appropriately. V		Construction Traffic Man		
				accidents and near misses will be reported to relevant stakeholders by the CLO.	highways Operation	5.4.19.7), secured throug	;h a requirement of t	he draft DCO (A
						DCO Schedule 2	-	
						Description Section 2.1	5	



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ncreased risk		Temporary traffic control, design of temporary connections to the
d network as		network, sequencing the proposed WWTP access road construct
hazardous		
n cy		
iley		
orary	łm	plementation of the CTMP in particular:
ation for		Section 4.2 which recognises the potential conflict of site acc
; along		point CA2/CA3 which will cross the existing footway / cyclew
<u>1</u>		on the west side of Horningsea Road which may require
	-	marshalling during peak hours and/or traffic management
ental		measures to provide a safe crossing point for site traffic and
raft DCO (App		pedestrians and cyclists
<u> </u>	*	Section 6.9 (Facilitate safe movement of users of the highwa
p Doc Ref		(including NMUs))which refers to site access point COA3, CA
(App Doc Ref		CA2/CA3 which indicates the majority of the highway works
		be carried out under TM that maintains vehicular access on
		Horningsea Road, under temporary signal control. And requi
		that the existing footway / cycleway to the west of the Horningsea Road carriageway will be maintained at all times
		suitable barriers separating the footway from the works.
	-	Section 6.9 (Facilitate safe movement of users of the highwa
ntal Grace		(including NMUs)) which requires that speed restrictions to
aft DCO		Horningsea Road will be put in place for the duration of the
Dec Def		in accordance with the Temporary Traffic Regulation Order s
Doc Ref		
App Doc Ref		



by number Phase Reference document location Securing mechanism

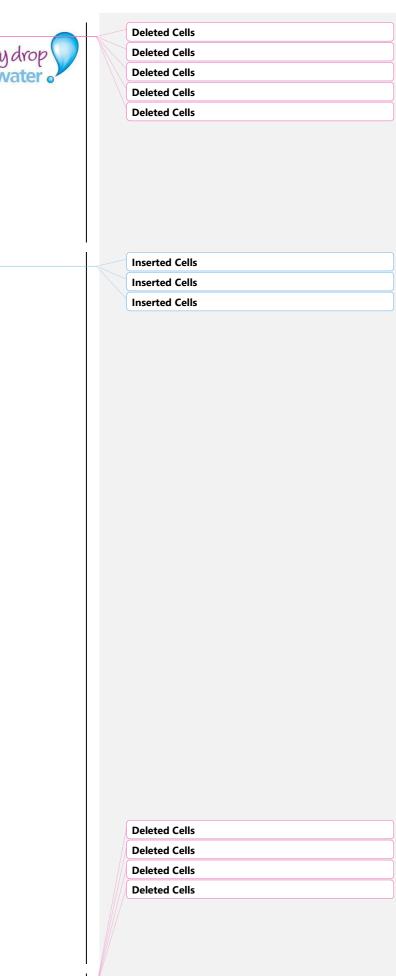
0-11	Chapter 18: Odour			n Measures – Odour Control	<u>Ope</u>		Project DCO Schedule 2
		from del	liveries of			Description Se	
	Table 5.2 - Securing			ged through the following measures:		Odour Contro	ment 7 Detailed
	Mitigation	wastewa	ater and sludge			5.1 Operation	
	<u>Mitigation</u>		• in Article ## of t	the DCO (the detail of which will be subject to agreement with		<u>5.1 Operation</u>	
				County Council and any other relevant stakeholders)-Covered reception		Control (App I	Doc Ref 5 2 2
			• • • • • • • • • • • • • • • • • • •	waste water and sludge deliveries		control(App)	<u>boc her 5.2.2</u>
				ealed vehicles for the delivery of waste water and sludge <u>4.2 which</u> potential conflict of site access point CA2/CA3 which will cross the existin	æ		
<u>T-1</u>	Chapter 19: Traffic and	Table 5.2			Operation	Sections 7.7, CoCP Part A	
	Transport	- Securing				(Appendix 2.1, App Doc Ref 5.4.2.1) and Section 3 of	
	Table 5.2 - Securing	Mitigation				CoCP Part B (Appendix 2.2,	
	Mitigation					App Doc Ref 5.4.2.2) secured	4
	<u>witigation</u>		Construction traffic leads to			through a requirement of	•
			temporary adverse effect or			the draft DCO (App Doc Ref	
			pedestrians travelling along	+		2.1).	
			crossing roads that are part	Ensure that entities responsible for transporting the load follow the		<i>j</i> .	
			of the construction route	regulations for notifying authorities.		Approval and	
			(that do not meet the			implementation of a	
			criteria in IEMA rule 2) an	Implementation of section 7.7 of the CoCP Part A and B (Appendix 2.1		Construction Environmental	
			increased risk / delay for	& 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport)			
			users of the local road	which includes measures for temporary traffic control and measures		Management Plan secured	
			network as a result of the	manage the impact upon users of the PRoW during the construction		through a requirement of	
			transportation of abnormal	period.		the draft DCO (App Doc Ref	DCO Schedule 2
			loads			2.1).	Requirement 8 CoCP
			10003			Construction Traffic	DCO Schedule 2
						Management Plan	Requirement 9 CEMP
						(Appendix 19.7, App Doc	including a detailed
			footway / avela	way on the west side of Horningsea Road which may require marshalling		Ref <u>5.4.19.7)</u>	construction traffic
T-2	Chapter 19: Traffic and	Constru	ction traffic leads to	Management Plan			
	Transport		eased risk / delay for	(Appendix 19.7, App Doc			
			users of the local road	 <u>Ref 5.4.19.7</u>) management plan which must accord with the n 	neasures set out in t	the	
	Table 5.2 - Securing net			construction traffic management measures to provide a safe crossing p			
	Mitigation transportatio			pedestrians and cyclists. plan			
Construct	tion Traffic Management Pla			<u> </u>			
			· · · · · · · · · · · · · · · · · · ·	DCO Schedule 2			
	ntation of the CTMP in partic			Requirement 8 CoCP			
	and site plant vehicle routeir	0/					
	I loads to have specific meas						
	ate vehicle escort and marsh						
and timin	ng of movement to be outside	<u>e peak hour</u>	rs (i.e., school				
start and	finishing times). All deliverie	s will be ma	ade outside of				
peak hou	irs (8am-9am and 3-4pm) unl	ess it is det	ermined to				
	tial that the delivery is to be	completed of	during peak				
hours <u>.</u> an	id/or						
	the sector of the						

Construction Traffic

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Chapter 19: Traffic and Transport	Table 5.2 - Mitigation	Securing	<u>Construction traffic leads to temporary adverse</u> effect on fear and intimidation for pedestrians and cyclists travelling along	2.2, App Doc Ref: 5.4.2.1,	on 3 of the CoCP Part A and B (Appendix 2.1 & 5.4.2.2) Part A (Community & Stakeholder Engagement) OV son Officer responsible for ensuring that relationships an Cirry intained throughout the construction period including	C CLAY the Worker 5.4.2.1) secured
Hansport			Horningsea Road	of communication are ma	interined throughout the construction period including	DCO (App Doc Ref 2.1).
				communication of change	is to access because of PRoW realignment or diversion	
Reference doc	ument	Securing mech	lanism			Approval and implementation of a Construction Environmental Management Plan secured throug requirement of the draft DCO (App
						Doc Ref 2.1).
	_					Community Liaison Plan (App Doc 7.8) which is secured through a requirement in the draft DCO (Ap Doc Ref 2.1)
T-3 Chapter 19:	Table 5.2	Construction	Construction Traffic Management Plan -	<u>Construction</u>	Approval and implementation of a Construction	DCO Schedule 2
Traffic and	- Securing		Hazardous loads management		Environmental ES Chapter 29 Traffic and	Requirement 8 CoCP
Transport	Mitigation		Implementation of the CTMP in particular:		Management Plan secured through a requirement	
		adverse effect on fear and			the draft DCO (App Doc Ref 2.1). <u>Transport Table 5</u> 1	including a detailed construction
<u>Table 5.3 -</u> <u>Securing</u>		intimidation for	 Section 7.2 of the CTMPSection 7.2 (Monitoring Strategy) which requires 		≜	traffic management plan which m accord with the measures set out
Mitigation		pedestrians and	that the Principal Contractor(s) will		Construction Traffic	the construction traffic managem
		cyclists	implement a system for monitoring the movement of vehicles associated		Management Plan	<u>plan</u>
		travelling along an increased	with the construction of the Proposed		(Appendix 19.7, App Doc	
		risk / delay for	Development, this will include the		Ref	
		users of the	following:		5.4.19.7) , secured through a requirement of the draft DCO (App Doc Ref 2.1)	
		local road	to manage and operate a 'near miss'			
		<u>network as a</u> result of the	reporting system to ensure any accidents or near misses are recorded			
		transportation	and investigated appropriately. Where			
		of hazardous	relevant, accidents and near misses			
		loadsHorningsea	will be reported to relevant highways stakeholders by the CLO. Documented			
		Road	pre-commencement meetings with			
			the site management team as a contractual requirement;			
			 Active traffic management: and 			
			•			
			 section 4.2 (Access route strategy) 			
			requires all deliveries to be made outside of peak hours (08:00-09:00, 15:00-16:00, 17:0018:00);			
			• section 5.2 (Temporary access points			
			and construction road signage)which			
			requires the use of temporary signage along all proposed construction haul			
			roads; and			
			• section 6.3 (Adherence to Designated			
			Routes) and section 6.9			
			(Facilitate safe movement of users of the highway (including NMUs)			
			requirement to provide			
			connectivity/access to community			
			facilities and residential properties during works.			
			Entities responsible for transporting the abnormal load follow the regulations for			
			notifying authorities			
			FORS and CLOCS			
			accreditation			





by numberPhase Reference document locationSecuring mechanism

DCO Schedule 2 Requirement 9 CEMP including a		ncluding a	must accord with the measures set out in the construction traffic	
detailed construction traffic management plan which			management plan	
<u>T-4</u>	Chapter 19: Traffic and	Table 5.2 - Securing	Construction traffic leads to <u>EConstruction Traffic Management Plan - T</u>emporary traffic con	ntrol Construction ES Chapter 2
Sections 2	<u>2 para Appropriate</u>			
	Transport	an increased risk / delay for	2.9.3 and 3.1 3	<u>.1</u>
			Temporary traffic control, design of temporary connections from works areas to the to the road	
		users of the local road	Construction p	hasing and
	Table 5.3 - Securing		network, sequencing the proposed WWTP access road construction.	
		network as a result of the	Requirement for approval of detailed design of temporary accesssequence of	assembly (App
	Mitigation			
		transportation of hazardous	Doc Ref 5.2.2) loads	
				Design Plans - Highways and
				Site Access (App Doc Ref
				4.11)
DCO Sche	edule 2			
Poquiron	nent & CoCP			

Requirement 8 CoCP

DCO Schedule 2 Requirement 9 CEMP including a detailed construction traffic management plan which must accord with the measures set out in the

construction traffic Construction Traffic management plan Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7)





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T-5 Chapter 19: Traffic and Transport Table 5:23 - Securing Mitigation	<u>Construction traffic leads to</u> <u>temporary adverse effect</u> <u>on fear and intimidation for</u> <u>pedestrians and cyclists</u> <u>travelling along Horningsea</u> <u>Road</u>	 Construction Traffic Management Plan Implementation of the CTMP in particular: Section 4.2 which recognises the potential conflict of site access point CA2/CA3 which will cross the existing footway / cycleway on the west side of Horningsea Road which may require marshalling during peak hours and/or traffic management measures to provide a safe crossing point for site traffic and pedestrians and cyclists Section 6.9 (Facilitate safe movement of users of the highway (including NMUs))-which refers to site access point COA3, CA6, CA2/CA3 which indicates the majority of the highway works can be carried out under TM that maintains vehicular access on Horningsea Road, under temporary signal control. And requires that the existing footway / cycleway to the west of the Horningsea Road carriageway will be maintained at all times with suitable barriers separating the footway from the works. Section 6.9 (Facilitate safe movement of users of the highway (including NMUs)) which requires that speed restrictions to Horningsea Road will be put in place for the duration of the works in accordance with the Temporary Traffic Regulation Order set out in Article ## of the DCO (the detail of which will be subject to agreement with Cambridgeshire County Council and any other relevant stakeholders) Section 7.2 of the CTMP requires that the Principal Contractor(s) will implement a system for monitoring the movement of vehicles associated with the construction of the Proposed Development, this will include the following: Documented pre-commencement meetings with the site management team as a contractual requirement; Active traffic management; and FORS and CLOCS accreditation 	Construction	Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP including a detailed construction traffic management plan which must accord with the measures set out in the construction traffic management plan
Traffic and T-6 Chapter 19: Traffic and	Construction traffic leads to	Code of Construction Practice	Construction	Sections 3, CoCP Part A DC	O Schedule 2 Mitigation
Transport	temporary adverse effect			(Appendix 2.1, App Doc Ref	Requirement 8 CoCP
		Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 &			
	on fear and intimidation for			5.4.2.1)	
Table 5.3 - Securing		2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder			DCO Schedule 2
	pedestrians and cyclists			Community Liaison Plan	
Mitigation		Engagement) to appoint a Community Liaison Officer responsible for			Requirement 9 CEMP
	travelling along Horningsea			(App Doc Ref 7.8)	
	Road	ensuring that relationships and lines of communication are maintained			
		throughout the construction period including communication of changes to access because of PRoW realignment or diversion			

to access because of PRoW realignment or diversion





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Construction	Mitigation	ES Chapter 2 Sections 2 para Description of impact	DCO Schedule 2 Requirement 7 Detailed design Mitigation measure		Secured by	
Design Measu	ires		DCO Schedule 2 Requirement 7 - Detailed design			
	<u>Mitigation</u> are part of the	requirement of the draft DCO (App Doc Ref 2.1) construction route (that do not meet the criteria in IEMA rule 2)	Site Acce		<u>sed to facility the remainder of t</u> <u>4.11) Design of</u>	ne construction.
	Transport	to meet local highway standards secured through a -crossing roads that	Requirement for construction of a temporary access within land rec Design Plans - Highways and		Doc Ref	
	<u>Table 5.3 - Securing</u> along	<u>criteria in IEMA rule 2)</u> / <u>road network</u> connection	Horningsea Road to access Low Fen Drove Way		<u>Construction Traffic</u> <u>Management Plan</u> (Appendix 19.7App Doc Ref 5.4.19.7),	construction traffic management plan which must accord with the measures set out in the construction traffic management plan
	Table 5.3 - Securing Mitigation	on pedestrians travelling 2.2, along / crossing roads that are part of the construction	ementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 & App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport) which des measures for temporary traffic control and measures manage mpact upon users of the PRoW during the construction period.		(Appendix 2.1, App Doc Ref 5.4.2.1) and Section 3 of CoCP Part B (Appendix 2.2, App Doc Ref 5.4.2.2)	Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP including a detailed
	<u>Chapter 19: Traffic and</u> Transport	Construction traffic leads to Code	e of Construction Practice	Construction	Sections 7.7, CoCP Part A	DCO Schedule 2
T-8	Chapter 19: Traffic and Transport	<u>Construction traffic leads to</u> <u>temporary</u> adverse effect on pedestrians travelling	Sequencing the proposed WWTP access road construction at the sta Construction phasing and the programme so that it car		2.9.3 and	
	<u>Chapter 19: Traffic and</u> <u>Transport</u> <u>Table 5.3 - Securing</u> <u>Mitigation</u>		struction Traffic Management Plan - minimising traffic movements ningsea Road	<u>Construction</u>	Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP
			programme so that it can be used in construction to minimise use of hingsea Road to access Low Fen Drove Way			construction traffic management plan which must accord with the measures set out in the construction traffic management plan



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Construction Tra	a <mark>ffic Management Plan</mark> of the CTMP in particular n 6.3 Adherence to Desigr	Management Plan access because of PRoW realignment or diversion he CTMP in particular-: Section 5.2 (Temporary access points and construction road signage) which requires the use of temporary signage along all proposed construction haul roads. As a minimum this will		Approval and implementation of a Construction Environm Management Plan secured through a requirement of the Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7,Ap 5.4.19.7), secured through a requirement of the draft DCC	
Chapter 19: Traffic and Transport	Table 5.2 - Securing Mitigation	Construction traffic leads to temporary adverse effect on pedestrians travelling along / crossing roads that are part of the construction route (that do not meet the criteria in IEMA rule 2)	Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including communication of changes to access because of PRoW realignment or diversion	Sections 3, CoCP Part A (App Doc Ref 5.4.2.1) secured throu requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environme Management Plan secured through a requirement of the de Doc Ref 2.1).	
that rel	ationships and lines of con	mmunication are maintained throughout the	signs), potential vehicle or pedestrian crossing points and distances to destinations.	Community Liaison Plan (App Doc Ref 7.8) which is secured requirement in the draft DCO (App Doc Ref 2.1) 2.1)	
Chapter 19: Traffic and Transport	Table 5.2 – Securing Mitigation	Construction traffic leads to temporary adverse effect on pedestrians travelling along / crossing roads that are part of the construction route (that do not meet the criteria in IEMA rule 2)	Section 7.2 of the CTMP requires that the Principal Contractor(s) will implement a system for monitoring the movement of vehicles associated with the construction of the Proposed Development, this will include the following: Documented pre-commencement meetings with the site management team as a contractual requirement; Active traffic management; and FORS and CLOCS accreditation	Approval and implementation of a Construction Environme Management Plan secured through a requirement of the de Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, App 5.4.19.7), secured through a requirement of the draft DCO 2.1)	
Chapter 19:	Table 5.2 - Securing	Construction traffic leads to temporary	Sequencing the proposed WWTP access road construction at the start	Requirement for construction of a temporary access within-	
Traffic and Transport	Mitigation	adverse effect on pedestrians travelling along / crossing roads that are part of the construction route (that do not meet the criteria in IEMA rule 2)	of the programme so that it can be used in construction to minimise use of Horningsea Road to access Low Fen Drove Way	for the proposed WWTP to construct the permanent access be used to facility the remainder of the construction phase- through a requirement of the draft DCO (App Doc Ref 2.1)	
Chapter 19: Traffic and Transport	Table 5.2 - Securing Mitigation	Construction traffic leads to temporary adverse effect on pedestrians travelling along / crossing roads that are part of the	Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for	Sections3 , CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) through a requirement of the draft DCO (App Doc Ref 2.1).	
Chapter 19: Traffic and	Table 5.2 - Securing Mitigation	Construction traffic leads to temporary adverse effect on pedestrians travelling along	DCO (App associated with the construction of the Proposed Development		
		 / crossing roads that are part of the construction route (that do not meet the criteria in IEMA rule 2) Principal Contractor(s) will Approval and monthal implement a system for monitoring the 	management team as a contractual requirement;	nstruction Traffic Management Plan (Appendix 19.7, App Doc 5.4.19.7), secured through a requirement of the draft DCO 2.1)	
		mental implement a system for monitoring the lan secured through a requirement of the draft	 Active traffic management; and 		



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		construction route (that do not meet the criteria in IEMA rule 2)	ensuring that relationships and lines of communication are maintained throughout the construction period including communication of construction activity, construction vehicle movements.	Approval and implementation of a Construction Environm Management Plan secured through a requirement of the Doc Ref 2.1).
				Community Liaison Plan (App Doc Ref 7.8) which is secure requirement in the draft DCO (App Doc Ref 2.1)
Chapter 19: Traffic and Transport	Table 5.2 – Securing Mitigation	Construction traffic leads to temporary adverse impacts on driver delay at junction 34 of the A14 in the AM and PM peak.	Implementation of Construction Worker Travel Plan to encourage construction workers to use more sustainable travel modes, to reduce single occupancy vehicle trips and will investigate the potential for flexible working patterns to facilitate travel outside of the peak	Approval and implementation of a Construction Environme Management Plan secured through a requirement of the de Doc Ref 2.1).
			periods.	Construction Workers Travel Plan (Appendix 19.9, App Doc secured through a requirement of the draft DCO (App Doc
Chapter 19: Traffic and Transport	Table 5.2 - Securing Mitigation	Construction traffic leads to temporary adverse impacts on driver delay at junction 34 of the A14 in the AM and PM peak.	Implementation of Section 4.2 of the CTMP (Access route strategy) which identifies the off and on slip of the A14 as a potential conflict area which may require traffic marshalling during peak hours	Approval and implementation of a Construction Environn Management Plan secured through a requirement of the Doc Ref 2.1).
				Construction Traffic Management Plan (Appendix 19.7, A 5.4.19.7), secured through a requirement of the draft DC 2.1)
	on adverse impacts	on driver delay at junction 34 requires adhe of the A14 in the AM and PM peak.	erence to works hours Management Plan secured through a requir	-Doc Ref 2.1).
and Mitigati Transport	on auverse impacts			Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, App 5.4.19.7), secured through a requirement of the draft DCO
	Table 5.2 Securing Mitigation		Implementation of Section 6.5 of the CTMP (Deliveries) which requires the management of deliveries through a scheduling system to avoid AM PM peaks	
Transport Chapter 19: Traffic and	Table 5.2 Securing	of the A14 in the AM and PM peak. Construction traffic leads to temporary adverse impacts on driver delay at junction 34	Implementation of Section 6.5 of the CTMP (Deliveries) which requires the management of deliveries through a scheduling system to avoid	 Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, App 5.4.19.7), secured through a requirement of the draft DCO- 2.1) Approval and implementation of a Construction Environm Management Plan secured through a requirement of the Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, A 5.4.19.7), secured through a requirement of the draft DCO-
Transport Chapter 19: Traffic and Transport Chapter 19: Traffic and	Table 5.2 Securing	of the A14 in the AM and PM peak. Construction traffic leads to temporary adverse impacts on driver delay at junction 34	Implementation of Section 6.5 of the CTMP (Deliveries) which requires the management of deliveries through a scheduling system to avoid	 Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, App 5.4.19.7), secured through a requirement of the draft DCO 2.1) Approval and implementation of a Construction Environm Management Plan secured through a requirement of the Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, A 5.4.19.7), secured through a requirement of the draft DC 2.1) Sections 7.7, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2).
Transport Chapter 19: Traffic and	Table 5.2 Securing Mitigation	of the A14 in the AM and PM peak. Construction traffic leads to temporary adverse impacts on driver delay at junction 34 of the A14 in the AM and PM peak. Construction traffic leads to temporary adverse impacts on driver delay at junction 34	Implementation of Section 6.5 of the CTMP (Deliveries) which requires the management of deliveries through a scheduling system to avoid AM PM peaks Implementation of section 7.7 of the CoCP Part A and B (Application Doc Ref: 5.4.2.1) Part A (Traffic and Transport) which includes measures for temporary traffic control and measures manage the	 Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, App 5.4.19.7), secured through a requirement of the draft DCO 2.1) Approval and implementation of a Construction Environm Management Plan secured through a requirement of the Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, A 5.4.19.7), secured through a requirement of the draft DC 2.1) Sections 7.7, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.) Part B (Appendix 2.2, App Doc Ref 5.4.2.2) secured through

Mitigation adverse impacts on driver delay at junction 34 implement a system for monitoring the movement of vehicles Management Plan secured through a requirement of the draft DCO (App



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Transport of the A14 in the AM and PM peak.





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			-associated with the construction of the Proposed Development, this will -include the following:	– - Construction Traffic Management Plan (Appendix 19.7,App Do
		D		
		Documented pre-commencement meetings w	vith the site 5.4.19.7), secured through a requirement of the draft DCO (App Doc Ket 2.1)
			management team as a contractual requirement;	
			 Active traffic management; and 	
			FORS and CLOCS accreditation	
Chapter 19:	Table 5.2 - Securing	Construction traffic leads to temporary	Sequencing the proposed WWTP access road construction at the start	
Traffic and	Mitigation	adverse impacts on driver delay at junction 34	of the programme so that it can be used in construction to minimise use	Requirement for construction of a temporary access within la for the proposed WWTP to construct the permanent access s
Transport	-	of the A14 in the AM and PM peak.	of Horningsea Road to access Low Fen Drove Way	be used to facility the remainder of the construction phase is
				through a requirement of the draft DCO (App Doc Ref 2.1)
hapter 19:	Table 5.2 - Securing	Construction traffic leads to temporary Imp	lementation of Section 6.4 of the CTMP (Vehicle Scheduling) which	Approval and implementation of a Construction Environmental
and Mitigatio	on adverse impacts	on driver delay at the A10 requires adherence to		the draft DCO (App
ransport		approach of the Milton Interchange in the PM	Doc Ref 2.1). peak	Construction Traffic Management Disc (Association 10.7, Asso
				Construction Traffic Management Plan (Appendix 19.7, App De 5.4.19.7), secured through a requirement of the draft DCO (Ap
				2.1)
Chapter 19:	Table 5.2 - Securing	Construction traffic leads to temporary	Implementation of Section 6.5 of the CTMP (Deliveries) which requires	Approval and implementation of a Construction Environmen
Traffic and	Mitigation	adverse impacts on driver delay at the A10	the management of deliveries through a scheduling system to avoid	Management Plan secured through a requirement of the dra
Transport		approach of the Milton Interchange in the PM peak	AM PM peaks	Doc Ref 2.1).
		реак		Construction Traffic Management Plan (Appendix 19.7, App
				5.4.19.7), secured through a requirement of the draft DCO (/
				2.1)
Chapter 19:	Table 5.2 - Securing	Construction traffic leads to temporary	Section 7.2 of the CTMP requires that the Principal Contractor(s) will	Approval and implementation of a Construction Environmenta
Traffic and	Mitigation	adverse impacts on driver delay at the A10	implement a system for monitoring the movement of vehicles	Management Plan secured through a requirement of the draft
ransport		approach of the Milton Interchange in the PM	associated with the construction of the Proposed Development, this will	Doc Ref 2.1).
		peak	include the following:	Construction Traffic Management Plan (Appendix 19.7, App De
			 Documented pre-commencement meetings with the site management 	5.4.19.7), secured through a requirement of the draft DCO (A
			team as a contractual requirement;	$\frac{2.1}{2.1}$
			 Active traffic management; and 	
			FORS and CLOCS accreditation	
Chapter 19:	Table 5.2 Securing	Construction traffic leads to temporary		Approval and implementation of a Construction Environmen
Traffic and	Mitigation	adverse impacts on driver delay at the	Implementation of Construction Worker Travel Plan to encourage	Management Plan secured through a requirement of the dra
Transport		A10/Car Dyke Road junction, and A10 / Denny	construction workers to use more sustainable travel modes, to reduce single occupancy vehicle trips and will investigate the potential for	Doc Ref 2.1).
		End Road in the AM peak.	flexible working patterns to facilitate travel outside of the peak	
			periods.	Construction Workers Travel Plan (Appendix 19.9, App Doc F
			•	secured through a requirement of the draft DCO (App Doc R
	Table 5.2 - Securing adverse impacts on drive		ementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 Sections	
Vitigation unction, and A10			.4.2.2) Part A (Traffic and Transport) Part B (Appendix 2.2, App Doc Ref d measures of the draft DCO (App Doc Ref 2.1). End Road in the AM peak.	5.4.2.2) secured through a requirement Transport <u>A10/Car E</u>
anction, and Alt	y Denny Whiteh II	temporary traine control an	period.	manage are impact upon users of the Phow during the collistic
Chapter 19:	Table 5.2 - Securing	Construction traffic leads to temporary	Implementation of the CTMP in particular	Approval and implementation of a Construction Environmer
	0			Management Plan secured through a requirement of the dra
Traffic and	Mitigation	adverse impacts on driver delay at the	 Section 6.3 Adherence to Designated Routes 	



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Chapter 19: Traffic and Transport	Table 5.2 - Securing Mitigation	Construction traffic leads to temporary adverse impacts on driver delay at the A10/Car Dyke Road junction, and A10 / Denny End Road in the AM peak.	Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, Application Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including: communication of construction activity, construction vehicle movements.	Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO (Ap Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secured through a requirement in the draft DCO (App Doc Ref 2.1)
		A10/Car Dyke Road junction, and A10 / Denny End Road in the AM peak.	 Section 6.5 of the CTMP (Deliveries) which requires the management of deliveries through a scheduling system to avoid AM PM peaks Section 6.4 of the CTMP (Vehicle Scheduling) which requires adherence to works hours 	Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7), secured through a requirement of the draft DCO (App Doc Re 2.1)
Thapter 19: Traffic and Transport	Table 5.2 - Securing Mitigation	Construction traffic leads to temporary adverse impacts on driver delay at the A10/Car Dyke Road junction, and A10 / Denny End Road in the AM peak.	Section 7.2 of the CTMP requires that the Principal Contractor(s) will implement a system for monitoring the movement of vehicles associated with the construction of the Proposed Development, this will include the following:	Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO (App Doc Ref 2.1).
			 Documented pre-commencement meetings with the site management team as a contractual requirement; Active traffic management; and FORS and CLOCS accreditation 	Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7), secured through a requirement of the draft DCO (App Doc Ref 2.1)
Chapter 19:	Table 5.2 Securing	Construction traffic leads to temporary	Section 6.9 Facilitate safe movement of users of the	Implementation of the CTMP Section 6.9 requirement for speed
Traffic and	Mitigation	adverse impacts to users of cycling routes,	highway which requires maintaining the existing	restrictions to Burgess's Drove, Bannold Drove and Bannold Road as we
Transport		public rights of way, footways, and roads accessing certain locations for pedestrians and cyclists travelling along Long Drove, Bannold Drove, Burgess's Drove, Fen Road.	footway / cycleway to the west of the Horningsea Road carriageway at all times with suitable barriers separating the footway from the works Section 6.9 avoid HGV movements through Waterbeach	as Clayhithe Road will be put in place in accordance with the Temporary Traffic Regulation Order set out in Article 16 of the DCO. Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO (Ap
Implementation-	of section 7.7 of the CoC	P Part A and B (Appendix 2.1 & 2.2, App	during school drop-off and pick-up hours throughout	Doc Ref 2.1).
Chapter 19: Traffic and Transport	Table 5.3 Securing Mitigation	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads	Implementation of Construction Worker Travel Plan to encourage construction workers to use more sustainable travel modes, to reduce single occupancy vehicle trips and will investigate the potential for	Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO (Ap Doc Ref 2.1).
		accessing certain locations for pedestrians and cyclists travelling along Long Drove, Bannold Drove, Burgess's Drove, Fen Road.	flexible working patterns to facilitate travel outside of the peak periods.	Construction Workers Travel Plan (Appendix 19.9, App Doc Ref 5.4.19.9 secured through a requirement of the draft DCO (App Doc Ref 2.1)
Document Ref 5.	.4.2.1, 5.4.2.2) Part A (Tra	affic and Transport) which includes measures	term time	
for temporary tri			Section 6.9 requirement to provide connectivity/access to community facilities and residential properties during works	Construction Traffic Management Plan (App Doc Ref 5.4.19.7), secured through a requirement of the draft DCO (App Doc Ref 2.1)

Implementation of the CTMP in particular

Section 6.3 Adherence to Designated Routes

Chapter 19:	Table 5.3 - Securing	Construction traffic leads to temporary
Traffic and	Mitigation	adverse impacts to users of cycling routes,
Transport		public rights of way, footways, and roads
		accessing certain locations for pedestrians
		and cyclists travelling along Long Drove,





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Chapter 19: Traffic and Transport	Table 5.3 – Securing Mitigation	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads accessing certain locations for pedestrians and cyclists travelling along Long Drove, Bannold Drove, Burgess's Drove, Fen Road.	 Implementation of the CTMP in particular Section 6.3 Adherence to Designated Routes Section 6.9 Facilitate safe movement of users of the highway which requires maintaining the existing footway / cycleway to the west of the Horningsea Road carriageway at all times with suitable barriers separating the footway from the works Section 6.9 avoid HGV movements through Waterbeach during school drop-off and pick-up hours throughout term time Section 6.9 requirement to provide connectivity/access to community facilities and residential properties during works 	+
		Bannold Drove, Burgess's Drove, Fen Road. PPart A and B (Appendix 2.1 Sections 7.7, 4.2.1) secured & 2.2, App Doc Ref: 5.4.2.1,	5.4.2.2) Part A (Traffic and Transport) through a requirement of the traffic control and measures manage the impact upon users of the PRoW	-draft DCO (App Doc Ref 2.1). which includes measures for during the construction period.
Chapter 19: Traffic and Transport	Table 5.3 - Securing Mitigation	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads accessing certain locations for pedestrians and cyclists travelling along Long Drove, Bannold Drove, Burgess's Drove, Fen Road.	Implementation of the CTMP section 6.9 (Facilitate safe movement of users of the highway (including NMUs) which requires temporary widening measures for vehicle passing at: Denny End Road Bannold Road	Approval and implementation of a Construction Environment Management Plan secured through a requirement of the Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, 7
		Bannold brove, burgess s brove, ren koad.	Bannold Drove Glayhithe Bridge Clayhithe Bridge Combridge Road Cambridge Road Chapel Street Station Road	5.4.19.7), secured through a requirement of the draft DC 2.1)
Chapter 19: Traffic and Transport	Table 5.3 - Securing Mitigation	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads	Implementation of the CTMP section 6.9 (Facilitate safe movement of users of the highway (including NMUs) which requires junction widening at:	Approval and implementation of a Construction Environm Management Plan secured through a requirement of the Doc Ref 2.1).
		accessing certain locations for pedestrians and cyclists travelling along Long Drove, Bannold Drove, Burgess's Drove, Fen Road.	Bannold Road / Bannold Drove Bannold Road / Burgess's Drove Burgess's Drove	Construction Traffic Management Plan (Appendix 19.7, Ap 5.4.19.7), secured through a requirement of the draft DCC 2.1)
Chapter 19: Traffic and Transport	Table 5.3 - Securing Mitigation	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads accessing certain locations for pedestrians and cyclists travelling along Long Drove,	Section 7.2 of the CTMP requires that the Principal Contractor(s) will implement a system for monitoring the movement of vehicles associated with the construction of the Proposed Development, this will include the following:	Approval and implementation of a Construction Environm Management Plan secured through a requirement of the Doc Ref 2.1).
Chapter 19: Traffic and	Table 5.3 - Securing Mitigation	Bannold Drove, Burgess's Drove, Fen Road. Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads	Implementation of the CTMP Section 6.9 requirement for speed restrictions to Burgess's Drove, Bannold Drove and Bannold Road as well as Clayhithe Road will be put in place in accordance with the	Construction Traffic Management Plan (Appendix 19.7, A Management Plan secured through a requirement of the Doc Ref 2.1).
ransport		accessing certain locations for pedestrians and cyclists travelling along Long Drove, Bannold Drove, Burgess's Drove, Fen Road.	Temporary Traffic Regulation Order set out in the draft DCO Approval and implementation of a Construction Environmental	Construction Traffic Management Plan (Appendix 19.7, Ap 5.4.19.7), secured through a requirement of the draft DCC 2.1)



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			 Documented pre-commencement meetings with the site management team as a contractual requirement; Active traffic management; and FORS and CLOCS accreditation 	5.4.19.7), secured through a requirement of the draft DCO (2.1)
Chapter 19: Traffic and Transport	Table 5.3 - Securing Mitigation	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads accessing certain locations for pedestrians and cyclists travelling along Long Drove, Bannold Drove, Burgess's Drove, Fen Road.	2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including: communication of construction activity, construction vehicle movements	Approval and implementation of a Construction Environment Management Plan secured through a requirement of the dra Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secured to requirement in the draft DCO (App Doc Ref 2.1)
Chapter 19: Traffic and Transport	Table 5.3 - Securing Mitigation	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads accessing locations along all roads used as the construction route (that do not meet the criteria in IEMA rule 2)	Appropriate design of temporary connections from works areas to the road network in accordance with local highways standards	Approval and implementation of a Construction Environment Management Plan secured through a requirement of the dr Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, App 5.4.19.7), secured through a requirement of the draft DCO (2.1)
Requirement wit Chapter 19: Traffic and Transport	thin section 3 of the CoCP Table 5.3 - Securing Mitigation	Part A and B (Appendix 2.1 & Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads accessing locations along all roads used as the construction route (that do not meet the		oproval and implementation of a Construction Environmental on ont Plan secured through a requirement of the draft DCO (App
Chapter 19: Traffic and Transport	Table 5.3 - Securing Mitigation	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads accessing locations along all roads used as the construction route (that do not meet the criteria in IEMA rule 2)	Implementation of section 7.7 of the CoCP Part A (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport) which includes measures for temporary traffic control and measures manage the impact upon users of the PRoW during the construction period.	Sections 7.7, CoCP Part A (Appendix 2.1,App Doc Ref 5.4.2. through a requirement of the draft DCO (App Doc Ref 2.1).
Chapter 19:	Table 5.3 - Securing	criteria in IEMA rule 2) Construction traffic leads to temporary	Designated Routes) which specified that temporary Automatic Number	North of Low Fen Drove Way to capture construction
Chapter 19: Traffic and Transport	Table 5.3 Securing Mitigation	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads accessing locations along all roads used as the construction route (that do not meet the	 Implementation of the CTMP in particular Section 6.3 Adherence to Designated Routes Section 6.9 Facilitate safe movement of users of the highway which requires maintaining the existing footway / cycleway to the west of the Horningsea Road carriageway at all times with suitable barriers 	Approval and implementation of a Construction Environmen Management Plan secured through a requirement of the dr. Doc Ref 2.1). Construction Traffic Management Plan (Appendix 19.7, App 5.4.19.7), secured through a requirement of the draft DCO (
Traffic and	Mitigation	criteria in IEMA rule 2) adverse impacts to users of cycling routes, public rights of way, footways, and roads	separating the footway from the works Plate Recognition (ANPR) cameras will be installed at the following locations (subject to approval by Cambridgeshire County Council as the	2.1) associated with temporary site access points COA3 Approval and implementation of a Construction Environme



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Chapter 19: T raffic and T ransport	Table 5.3 - Securing Mitigation	Construction traffic leads to temporary delay to users of PRoW due to gated controlled access on PRoW intersected by works corridor	Implementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport) which includes measures PRoW in particular;	Sections 7.7, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) through a requirement of the draft DCO (App Doc Ref 2.1).
		and construction activities	 the requirement to maintain access through the use of safety gates to allow safely cross the construction working area. 	
			 the requirement to divert PRoW where no safe option exists to continue its use 	
			 the requirement to restore PRoW to the same condition as before the works took place 	
.1)			2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder	& 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A secured through
hapter 19:	Table 5.3 - Securing Mitigation	 Construction traffic leads to temporary adverse impacts to users of cycling routes, 	Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained	requirement of the draft DCO (App Doc Ref 2.1)
ransport	initigation	-public rights of way, footways, and roads accessing locations along all roads used as the	throughout the construction period including:	Community Liaison Plan (App Doc Ref 7.8) which is secured th requirement in the draft DCO (App Doc Ref 2.1)
		construction route (that do not meet the	 communication of construction activity, construction vehicle movements 	requirement in the draft Deo (App Doc Ker 2.1)
Chapter 19:	Table 5.3 Securing	criteria in IEMA rule 2) Construction traffic leads to temporary delay	Sections 3, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) secured	
raffic and	Mitigation	to users of PRoW due to gated controlled access on PRoW intersected by works corridor	through a requirement of the draft DCO (App Doc Ref 2.1).	
ransport		and construction activities	Approval and implementation of a Construction Environmental	
2.2, App Doc Ref:	: 5.4.2.1, 5.4.2.2) Part A (Part A and B (Appendix 2.1 & Community & Stakeholder Engagement) to	Management Plan secured through a requirement of the draft DCO (App Doc Ref 2.1).	
		The second se		
of communicatio	n are maintained through	onsible for ensuring that relationships and lines nout the construction period including use of PRoW realignment or diversion	Community Liaison Plan (App Doc Ref 7.8) which is secured through a requirement in the draft DCO (App Doc Ref 2.1)	
of communicatio	n are maintained through		Community Liaison Plan (App Doc Ref 7.8) which is secured through a requirement in the draft DCO (App Doc Ref 2.1)	
of communicatio communication c Chapter 19: Traffic and	n are maintained through	nout the construction period including use of PRoW realignment or diversion Construction traffic leads to temporary delay to users of PRoW due to gated controlled	requirement in the draft DCO (App Doc Ref 2.1) Requirement within section 3-of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder	Sections 3, CoCP Part A (Appendix 2.1App Doc Ref 5.4.2.1) so a requirement of the draft DCO (App Doc Ref 2.1).
of communicatio communication c Chapter 19:	n are maintained through of changes to access beca Table 5.3 Securing	nout the construction period including use of PRoW realignment or diversion Gonstruction traffic leads to temporary delay	requirement in the draft DCO (App Doc Ref 2.1) Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 &	Sections 3, CoCP Part A (Appendix 2.1App Doc Ref 5.4.2.1) so a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environment Management Plan secured through a requirement of the dra Doc Ref 2.1).
of communicatio communication c Chapter 19: Traffic and	n are maintained through of changes to access beca Table 5.3 Securing	tout the construction period including use of PRoW realignment or diversion Construction traffic leads to temporary delay to users of PRoW due to gated controlled access on PRoW intersected by works corridor	requirement in the draft DCO (App Doc Ref 2.1) Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including: 	a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environmen Management Plan secured through a requirement of the dra
of communicatio communication c Chapter 19: Traffic and	n are maintained through of changes to access beca Table 5.3 Securing	tout the construction period including use of PRoW realignment or diversion Construction traffic leads to temporary delay to users of PRoW due to gated controlled access on PRoW intersected by works corridor	 requirement in the draft DCO (App Doc Ref 2.1) Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including: communication of construction activity, construction vehicle movements. Requirement to appoint CLO 	a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environmer Management Plan secured through a requirement of the dra Doc Ref 2.1).
of communication communication of Chapter 19: Traffic and Transport	n are maintained through of changes to access beca Table 5.3 Securing Mitigation	Construction traffic leads to temporary delay access on PRoW intersected by works corridor and construction activities	 requirement in the draft DCO (App Doc Ref 2.1) Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including: communication of construction activity, construction vehicle movements. Requirement to appoint CLO Requirement to implement approved CLP 	a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environmer Management Plan secured through a requirement of the dri Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secured i requirement in the draft DCO (App Doc Ref 2.1) Approval and implementation of a Construction Environmenta
of communication	n are maintained through of changes to access beca Table 5.3 Securing Mitigation	Construction traffic leads to temporary delay to users of PRoW due to gated controlled access on PRoW due to gated controlled access on PRoW intersected by works corridor and construction activities	 requirement in the draft DCO (App Doc Ref 2.1) Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including: communication of construction activity, construction vehicle movements. Requirement to appoint CLO Requirement to implement approved CLP Temporary diversion of the PRoW 85/6 at the outfall works area using path to re-join the PRoW 85/6 upstream of the - Management Plan secured 	a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environmer Management Plan secured through a requirement of the dri Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secured i requirement in the draft DCO (App Doc Ref 2.1) Approval and implementation of a Construction Environmental I through a requirement of the draft DCO (App
of communication communication of Chapter 19: Traffic and Transport	n are maintained through of changes to access beca Table 5.3 Securing Mitigation	Construction traffic leads to temporary delay access on PRoW intersected by works corridor and construction activities	 requirement in the draft DCO (App Doc Ref 2.1) Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including: communication of construction activity, construction vehicle movements. Requirement to appoint CLO Requirement to implement approved CLP Temporary diversion of the PRoW 85/6 at the outfall works area using path to re-join the PRoW 85/6 upstream of the - Management Plan secured 	a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environmer Management Plan secured through a requirement of the dri Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secured i requirement in the draft DCO (App Doc Ref 2.1) Approval and implementation of a Construction Environmenta
of communication	n are maintained through of changes to access beca Table 5.3 Securing Mitigation	Hout the construction period including use of PRoW realignment or diversion Construction traffic leads to temporary delay to users of PRoW due to gated controlled access on PRoW intersected by works corridor and construction activities Construction traffic leads to temporary delay to users of PRoW due to gated controlled access on PRoW intersected by works corridor and construction activities Construction traffic leads to temporary delay where the gated controlled access on PRoW intersected by works corridor and construction activities Construction traffic leads to temporary delay where the gated controlled access on PRoW intersected by works corridor	 requirement in the draft DCO (App Doc Ref 2.1) Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including: communication of construction activity, construction vehicle movements. Requirement to appoint CLO Requirement to implement approved CLP Temporary diversion of the PRoW 85/6 at the outfall works area using path to re-join the PRoW 85/6 upstream of the - Management Plan secured 	a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environmer Management Plan secured through a requirement of the dra Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secured to requirement in the draft DCO (App Doc Ref 2.1) Approval and implementation of a Construction Environmenta I through a requirement of the draft DCO (App Doc Ref 2.1).
of communication	n are maintained through of changes to access beca Table 5.3 Securing Mitigation	Hout the construction period including use of PRoW realignment or diversion Construction traffic leads to temporary delay to users of PRoW due to gated controlled access on PRoW intersected by works corridor and construction activities Construction traffic leads to temporary delay to users of PRoW due to gated controlled access on PRoW intersected by works corridor and construction activities Construction traffic leads to temporary delay where the gated controlled access on PRoW intersected by works corridor and construction activities Construction traffic leads to temporary delay where the gated controlled access on PRoW intersected by works corridor	 requirement in the draft DCO (App Doc Ref 2.1) Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including: communication of construction activity, construction vehicle movements. Requirement to appoint CLO Requirement to implement approved CLP Temporary diversion of the PRoW 85/6 at the outfall works area using path to re-join the PRoW 85/6 upstream of the - Management Plan secured 	a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environment Management Plan secured through a requirement of the dra Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secured to requirement in the draft DCO (App Doc Ref 2.1) Approval and implementation of a Construction Environmenta Lthrough a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Outfall Management and
Chapter 19: Chapter 19: Traffic and Transport Chapter 19: Mitigatid Transport Chapter 19: Mitigatid	n are maintained through of changes to access beca Table 5.3 Securing Mitigation Table 5.3 Securing on to users of PRo	Construction traffic leads to temporary delay to users of PRoW due to gated controlled access on PRoW intersected by works corridor and construction activities	 requirement in the draft DCO (App Doc Ref 2.1) Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including: communication of construction activity, construction vehicle movements. Requirement to appoint CLO Requirement to implement approved CLP Temporary diversion of the PRoW 85/6 at the outfall works area using path to re join the PRoW 85/6 upstream of the Management Plan secured outfall works area 	a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environmer Management Plan secured through a requirement of the dra Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secured to requirement in the draft DCO (App Doc Ref 2.1) Approval and implementation of a Construction Environmental through a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Outfall Management and Plan secured through a requirement of the draft DCO (App Approval and implementation of a Construction Environmental Plan secured through a requirement of the draft DCO (App
of communication communication of Chapter 19: Traffic and Transport Chapter 19: Chapter 19: Mitigatio Transport	n are maintained through of changes to access beca Table 5.3 Securing Mitigation Table 5.3 Securing on to users of PRo	Hout the construction period including use of PRoW realignment or diversion Construction traffic leads to temporary delay to users of PRoW due to gated controlled access on PRoW intersected by works corridor and construction activities Construction traffic leads to temporary delay to users of PRoW due to gated controlled access on PRoW intersected by works corridor and construction activities Construction traffic leads to temporary delay where the gated controlled access on PRoW intersected by works corridor and construction activities Construction traffic leads to temporary delay where the gated controlled access on PRoW intersected by works corridor	 requirement in the draft DCO (App Doc Ref 2.1) Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including: communication of construction activity, construction vehicle movements. Requirement to appoint CLO Requirement to implement approved CLP Temporary diversion of the PRoW 85/6 at the outfall works area using path to re-join the PRoW 85/6 upstream of the Management Plan secured outfall works area 	a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environment Management Plan secured through a requirement of the dra Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secured to requirement in the draft DCO (App Doc Ref 2.1) Approval and implementation of a Construction Environmenta I through a requirement of the draft DCO (App



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			 crossings on Bannold Road and Station Road in Waterbeach, construction traffic, where necessary, should have restricted working hours, speed restrictions and the use of banks persons requires connectivity/access to community facilities and residential properties to be maintained during works. At the level crossings on Bannold Road and Station Road in Waterbeach, construction traffic, where necessary, should have restricted working hours, speed restrictions and the use of banks persons Section 6.9 (Facilitate safe movement of users of the highway (including NMUs)) which includes a commitment to avoid HGV movements through Waterbeach during school drop-off and pickup hours throughout term time and to adequately reinstate any areas of footpath affected by the works and to maintain the existing alignment/gradient as much as is practicable 	5.4.19.7), secured through a requirement of the draft D 2.1)
Chapter 19: Table 5.3 Secu Traffic and Mitigation	uring Construction traffic leads to on fear and intimidation		proval and implementation of a Construction Environmental anagement Plan secured through a requirement of the draft DCO	
Fransport	cyclists travelling along Lor Road, Burgess's Road, Fen	n g Drove, Bannold (Ap	op Doc Ref 2.1).	
		Road to be put in Ref		
Order set out in the draft DCO (the Cambridgeshire County Council and Chapter 19: Table 5.3 Secu Chapter 19: Table 5.3-	in accordance with the Temporary T detail of which will be subject to agr dany other relevant stakeholders) uring Construction traffic leads to -Securing Construction traffic le	reement with	tractual requirement; <u>Construction</u> Requirement within section 3 of the CoCP Part A and B (Appendix 2.1	Sections 3, CoCP Part A (Appendix 2.1, App Doc Ref 5.4. through a requirement of the draft DCO (App Doc Ref 2
place for the duration of the works- Order set out in the draft DCO (the Cambridgeshire County Council and Chapter 19: Table 5.3 Secu Chapter 19: Table 5.3-	in accordance with the Temporary T detail of which will be subject to agr any other relevant stakeholders) uring Construction traffic leads to Securing Construction traffic leads a on fear and intimidat cyclists travelling alor	reement with cont eads to temporary effect ion for pedestrians and ag Long Drove, Bannold	tractual requirement; <u>Construction</u> Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 &2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for	through a requirement of the draft DCO (App Doc Ref 2
place for the duration of the works- Order set out in the draft DCO (the Cambridgeshire County Council and Chapter 19: Table 5.3 - Secu Chapter 19: Table 5.3 - Traffic and Mitigation	in accordance with the Temporary T detail of which will be subject to age any other relevant stakeholders) uring Construction traffic leads to Securing Construction traffic leads on fear and intimidat	reement with cont eads to temporary effect ion for pedestrians and ag Long Drove, Bannold	tractual requirement; <u>Construction</u> Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 &2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder	
place for the duration of the works- Order set out in the draft DCO (the Cambridgeshire County Council and Chapter 19: Table 5.3 - Secu Chapter 19: Table 5.3 - Traffic and Mitigation	in accordance with the Temporary T detail of which will be subject to agr any other relevant stakeholders) uring Construction traffic leads to Securing Construction traffic leads a on fear and intimidat cyclists travelling alor	reement with cont eads to temporary effect ion for pedestrians and ag Long Drove, Bannold	tractual requirement; <u>Construction</u> Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 &2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including communication of	through a requirement of the draft DCO (App Doc Ref 2 Approval and implementation of a Construction Enviror Management Plan secured through a requirement of th
place for the duration of the works- Order set out in the draft DCO (the- Cambridgeshire County Council and Chapter 19: Table 5.3 - Secu Chapter 19: Table 5.3 - Traffic and Mitigation Transport temporary effect	in accordance with the Temporary T detail of which will be subject to agr any other relevant stakeholders) uring Construction traffic leads to - Securing Construction traffic leads on fear and intimidat cyclists travelling alor Road, Burgess's Road	reement with cont eads to temporary effect ion for pedestrians and ag Long Drove, Bannold	tractual requirement; <u>Construction</u> Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 &2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including communication of changes to access because of PRoW realignment or diversion <u>Construction Traffic Management Plan</u>	through a requirement of the draft DCO (App Doc Ref 2 Approval and implementation of a Construction Enviror Management Plan secured through a requirement of th Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secu
place for the duration of the works- Order set out in the draft DCO (the Cambridgeshire County Council and Chapter 19: Table 5.3 - Secu Chapter 19: Table 5.3 - Secu Chapter 19: Table 5.3 - Traffic and Mitigation Transport	in accordance with the Temporary T detail of which will be subject to agr any other relevant stakeholders) uring Construction traffic leads to Securing Construction traffic leads a on fear and intimidat cyclists travelling alor	reement with cont eads to temporary effect ion for pedestrians and ag Long Drove, Bannold	tractual requirement; <u>Construction</u> Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 &2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including communication of changes to access because of PRoW realignment or diversion <u>Construction Traffic Management Plan</u> (Appendix 19.7, App Doc	through a requirement of the draft DCO (App Doc Ref 2 Approval and implementation of a Construction Enviror Management Plan secured through a requirement of th Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secu
place for the duration of the works- Order set out in the draft DCO (the- Cambridgeshire County Council and Chapter 19: Table 5.3 - Secu Chapter 19: Table 5.3 - Traffic and Mitigation Transport temporary effect	in accordance with the Temporary T detail of which will be subject to agr any other relevant stakeholders) uring Construction traffic leads to - Securing Construction traffic leads on fear and intimidat cyclists travelling alor Road, Burgess's Road	reement with cont eads to temporary effect ion for pedestrians and ag Long Drove, Bannold	tractual requirement; <u>Construction</u> Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 &2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including communication of changes to access because of PRoW realignment or diversion Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7)	through a requirement of the draft DCO (App Doc Ref 2 Approval and implementation of a Construction Enviror Management Plan secured through a requirement of th Doc Ref 2.1). Community Liaison Plan (App Doc Ref 7.8) which is secu



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			 Documented pre-commencement meetings with the site 			
			management team as a contractual requirement;			
			 Active traffic management; and 			
			– FORS and CLOCS accreditation		· · · · · · · · · · · · · · · · · · ·	
<u>T-11</u>	<u>Chapter 19: Traffic and</u> <u>Transport</u> <u>Table 5.23 - Securing</u> <u>Mitigation</u>	Construction traffic leads to temporary adverse effect on pedestrians travelling along / crossing roads that are part of the construction route (that do not meet the criteria in IEMA rule 2)	Construction Traffic Management Plan – control of impacts to road user Requirement within section 3(Community & Stakeholder Engagement) of the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including communication of construction activity, construction vehicle movements.		Section 3, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Community Liaison Plan (App Doc Ref 7.8)	DCO S Requi which detail
						<u>plan v</u> with t the co (App l
ORS and (CLOCS accreditation-T-12 Cha Transport			DCO Schedule 2 Re including a detailed	<u>quirement 9 CEMP</u> <u>d construction traffic</u>	
	Table 5.3 - Securing		Approval and implementation of a Construction Environmental		which must accord with	
	Mitigation	n	Management Plan secured through a requirement of the draft DCO	the measures set out in the construction		
mpacts to	o users of A14 at junction 34	_	(App Doc Ref 2.1).	traffic managemen	<u>t plan</u>	
Constructie	on traffic leads to temporary	adverse impacts on driver			٨	
	Inction 34 of the A14 in the A		pp Doc Ref 5.4.19.9) construction workers to use more sustainable		A	
	ion Worker Travel Plan		travel modes, to reduce single occupancy vehicle trips and will investigate the potential for flexible working patterns to facilitate			
			travel outside of the peak periods.			
	and <u>l</u> implementation of a-Con		DCO Schedule 2 Requirement 8 CoCP			
\pproval a Vanageme		<u>Travel Plan (Appendix 19.9,</u> Istruction Environmental equirement of the draft DCO	DCO Schedule 2			
\pproval a Vanageme	and <u>l</u> implementation of a Con ent Plan secured through a re Ref 2.1).Worker Travel Plan to Chapter 19: Traffic and	Travel Plan (Appendix 19.9, Istruction Environmental equirement of the draft DCO o encourage	DCO Schedule 2	Construction	Construction Troffic	-
.pproval a Aanageme App Doc R	and <u>l</u> implementation of a Con ent Plan secured through a re Ref 2.1).Worker Travel Plan to Chapter 19: Traffic and Transport	Travel Plan (Appendix 19.9, Istruction Environmental equirement of the draft DCO o encourage Construction traffic leads to temporary adverse impacts	DCO Schedule 2 Requirement 8 CoCP Construction Traffic Management Plan Implementation of Section 4.2 of the CTMP (Access route strategy) which	<u>Construction</u>	Construction Traffic	Require
.pproval a Aanageme App Doc R	and <u>l</u> implementation of a Con ent Plan secured through a re Ref 2.1).Worker Travel Plan to <u>Chapter 19: Traffic and</u> <u>Transport</u> <u>Table 5.3 - Securing</u>	Travel Plan (Appendix 19.9, Istruction Environmental equirement of the draft DCO o encourage	DCO Schedule 2 Requirement 8 CoCP Construction Traffic Management Plan Implementation of Section 4.2 of the CTMP (Access route strategy) which identifies the off and on slip of the A14 as a potential conflict area which	Construction	<u>Construction Traffic</u> <u>Management Plan</u> (Appendix 19.7, App Doc	<u>Require</u> DCO Sc
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dherence to



	34 of the A14 in the AM and	Construc	tion-Traffic Management Plan	
Mitigation				34 of the A14
	PM peak.		(Appendix 19.7, App Doc	and 5.4.2.1)
			Ref	<u>3 CoCP</u>
		5.4.19.7) ₇	secured through	
DCO Schedule a 2 r				temporary tr
<u>R</u> equirement of the draft DCO (App D	oc Ret <u>8 CoCP</u>			and measure
DCO Schedule 2 Requirement 9 CEMF	Mitigation PM peak. Schedule 92 f Schedule 92 f gament of the draft DCO (App Doc Ref <u>8 CoCP</u>) Schedule 21 Requirement 9 CEMP including a detailed construction traffic management plan which must accord with the measures set out in the construction traffic and Mitigation on fear and intimidation for pedestrians and well as a construction and measures for temporary effect Implementation of section 7.7 of the CoCP Part A and 8 (Appendix 2.1 and Mitigation on fear and intimidation for pedestrians and well as a construction real field and Mitigation on fear and intimidation for pedestrians and well as a construction real field and Mitigation on fear and intimidation for pedestrians and well as the appoint 2.2.1 App Doc Ref 5.4.2.1, S.4.2.1 and A. (Traffic and Mitigation on fear and intimidation for pedestrians and well as the appoint 2.3 and the second measures for temporary effect and the second measures of the construction real field and Mitigation on fear and intimidation for pedestrians and well as the second measure of the second measures for temporary effect as a second measure of the second measures for temporary effect as a second measure of the second measures for temporary effect as and a mitigation on fear and intimidation for pedestrians and well as a second measure of the second measures for temporary effect as a second measure of the second measures for temporary effect as a second measure of the second measures for temporary effect as a second measure of the second measecond measecond measure of the second measure of the		fic management plan	the impact up
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Chapter 19: Table 5.3 Securing			· · · · · · · · · · · · · · · · · · ·	
Traffic and Mitigation o			gh a requirement of the draft DCC	
travelling along roads that are part	of which includes measures for temporary traffic-	control and measures the construction route (that do not meet Rule	manage the impact upon users	s of the PRoW d
	<u>2)</u>	period.		
Chapter 19: Table 5.2 - Sec	uring Construction traffic loads to tomporany office	t Requirement within section 2 of the CoCP Part A and P (Appendix 2.1	8. Sections 2. CoCD Part A (An	nondia 2.1 Ann
•			Sections 3, CoCP Part A (Apple through a requirement of through a requirement of the section	
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<u>I-15</u> Chapter 19:	Table 5.37° Construction route (that do not most Rul	Int with section's of the cock part / and By Appendix 2.1 Construction	Approval and d Approval and implementati	on of a Construe
Traffic and	- Securing to temporary effection fear to & Construit	throughout the construction period including communication of	Management Plan secured:	through a requir
Transport			Management and the second seco	
	Energeeme	nt) to appoint a Community Liaison Officer responsible for		
	Dreve Depredd		Community Liaison Plan (Ar	a >p Doc Ref 7.8) v
Mitigation	maintainee		Management Plan secured Community Liaison Plan (Ar through a requirement of requirement in the draft DC the draft DCO (App poor Ki	Q (App Doc Ref
Chapter 19: Table 5.3 Securing	Construction traffic loads to tompor Section 6.5	of the CTMP. (Daliveries) which requires the managementath/cycleway alo		entagion of a Co
Traffic and Mitigation o		as, through a scheduling system to avoid AM PM peakare diversion Mana	gement Plan secured through a re	entation of a Co es) <u>Requirement</u> equirement of th
	that are part of and traffic management mea	sures (subject to agreement with the LHA) Doc Ref 2.1). the const	ruction route (that do not meet R Construction Traffic	ule <u>ASA Schedu</u>
			Construction Traffic Management Plan	ementelligikatik
			5.4.19.7), secured through (a regincluding a
			21 Ref	<u>constructio</u>
Charter 10: Table 5.2 Car			A5pt-J9a7angrungethereuet	manageme hangementer
Chapter 19: Table 5.3 - Sect			Maguirement and implementati	
Traffic and Mitigation	on fear and intimidation for pedestrians and	, , ,		constructio
Transport	cyclists travelling along roads that are part of		2.1)	manageme
	the construction route (that do not meet Rul		Construction Traffic Manage	
	2)	 Documented pre-commencement meetings with the site 	5.4.19.7), secured through a	
		management team as a contractual requirement;	2.1)	a requirement o
		 Active traffic management; and 	2.1)	
		 FORS and CLOCS accreditation 		
Chapter 19: Traffic and	Table 5.3 Securing Construction traffic leads t	to temporary effect		PM peak.
Code of Construction Pract	tice Construction Sections 7.7 (Tra	affic and		(Appendix 2.2
Mitigation on fe	ar and intimidation for pedestrians and			
Transport_Transport_cyclists travellir	g along roads that are part of <u>temporary</u> adverse impa		transport) CoCP Part A	
			n route (that don't meet Rule	
		2)		
		section 7.7 of the CoCP Part A and B (Application Doc		
	on driver delay at junction		pendix 2.1 -<mark>& 2.2</mark> , App Doc Ref	
Table 5.3 - Securing	<u></u>	art A (Traffic and Transport) which includes measures for		

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14 in the AM 1) and Section Mitigation traffic control tres manage upon users	
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<u>tion traffic</u> <u>ment plan</u>	
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oW during the construction period.

Doc Ref 5.4.2.2)

DCO Schedule 2 Requirement 8 CoCP

DCO Schedule 2 Requirement 9 CEMP including a detailed construction traffic management plan which must accord with the measures set out in the construction traffic management plan

	<u>Chapter 19: Traffic and</u> <u>Transport</u> <u>Table 5.23 - Securing</u> <u>Mitigation</u>	Construction traffic leads to temporary adverse impacts on driver delay at junction 34 of the A14 in the AM and PM peak.	Code of Construction Practice Requirement of Section 4.2 that all deliveries will be made outside peak hours (8am-9am and 3-4pm) unless it is determined to be ess that the delivery is to be completed during peak hours.		Section 4.2 (Local routeing and site plant vehicle routeing) Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7),	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP including a detailed construction traffic management plan which must accord with the measures set out in the construction traffic management plan	
T-18	Chapter 19: Traffic and	Construction traffic leads to	Construction Traffic Management Plan			out	<u>t in</u>
	Transport	temporary adverse impacts			Section 7.2 (M	lonitoring the	2
			Section 7.2 of the CTMP requires that the Principal	Contractor(s) will	Strategy) Cons		<u>nstr</u>
		on driver delay at junction			Traffic Manage		ion
	Table 5.3 - Securing		implement a system for monitoring the movement of vehicles asso	<u>ociated</u>	(Appendix 19.		
		34 of the A14 in the AM and			<u>Ref 5.4.19.7</u>		inag Jont
	Mitigation	PM peak. following:	with the construction of the Proposed Development, this will inclu	ide the	DCO Schedule 2	pla	ent n
		Five peak. Tonowing.			Requirement 8 CoCP	<u>pro</u>	<u></u>
			Documented pre-commencement meetings with the site management	<u>nent team as a</u>	DCO Schedule 2 Requirement		
			contractual requirement; Active traffic management; and		9 CEMP including a detailed		
			FORS and CLOCS accreditation		construction traffic management plan which must		
Construction					accord with the measures set		
T-20	Chapter 19: Traffic and	Construction traffic leads to	Table 5.3 - Securing approach of the Milton		Construction Traffic Management	Plan Sec	tion 7.2 of the CTMP
	Transport	temporary adverse impacts	Mitigation		Implementation of		uires that the Principal
		on driver delay at the A	10 Interd	change in the PM peak	Implementation of	Co	ntractor(s) will
<u>T-19</u>	Chapter 19: Traffic and Transport	Construction traffic leads to temporary adverse impacts on driver delay at junction	Construction Traffic Management Plan	Construction	ES Chapter 2 Sections 2 para 2.9.3 and 3.1 3.1 Construction phasing and	DCO Schedule 3	implement a system for monitoring the movement of vehicles
	Table 5.3 - Securing	34 of the A14 in the AM and	Sequencing the proposed WWTP access road construction at the	start of	sequence of assembly (App	DCO Schedule 2	associated with
	Mitigation	PM peak.	the programme so that it can be used in construction to minimise		Doc Ref 5.2.2)	Requirement 7 Detailed	
			Horningsea Road to access Low Fen Drove Way		Design Plans - Highways and Site Access (App Doc Ref 4.11)	<u>design</u>	of the Proposed Development, this will include the following:



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m	Oocumented pre-commencen nanagement team as a contra active traffic management; an	actual requirement;	Section 6.5 of the CTMP (Deliveries) which may requires diversion and the management of deliveries through a scheduling system to avoid AM PM peal Construction Sections 6.4 (Vehicle scheduling), 6.5 (Delivery scheduling), and Section 7.2	Requirement 8 CoCP ks DCO Schedule 2 Requirement 9 CEMP including a detailed construction traffic	<u>construct</u> on traffic <u>managem</u> <u>ent plan</u>
Section 4.2 Cowley Ro		Construction traffic leads to temporary adverse impacts on driver delay at the A10/Car Dyke Road junction, and A10 / Denny End Road in the AM peak. gnises the footpath/cycleway ak (Vehicle Scheduling) which requ		ActionSections 4.4 (CEMP) and 7.7 (Traffic and transport), CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) and CoCP Part B (Appendix 2.2, App Doc Ref 5.4.2.2)management measures (subject to agreement with the LHA) for pedestrians and other NMUs. plan which must accord with the measures set out in the	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP
			th movement of vehicles associated with the construction of hee Proposed Development, this will include the following:	(Monitoring Strategy) co	easures set out in the nstruction traffic anagement plan
					measures set out in the construction traffic management plan
Practice Ti	ransport terr	nstruction traffic leads to Comporary adverse impacts CoCP Part A and B-section 3 (Com	ode of Construction Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft (App Doc Ref 2.1). Imunity &		
<u>T-23</u>	<u>Chapter 19: Traffic and</u> <u>Transport</u> <u>Table 5.3 - Securing</u> <u>Mitigation</u>	Construction traffic leads to temporary adverse impacts on driver delay at the A10/Car Dyke Road junction, and A10 / Denny End Road in the AM peak.	Construction Traffic Management Plan Construction Implementation of the CTMP in particular • • Section 6.3 Adherence to Designated Routes • Section 6.5 of the CTMP (Deliveries) which requires the management of deliveries through a scheduling system to avoid AM PM peaks Section 7.2 of the CTMP requires that the Principal Contractor(s) will implement a system for monitoring	Sections 6.3 (Adherence to dedicated routes), 6.4 (Vehicle scheduling), 6.5 (Delivery scheduling), 6.9 (Facilitate safe movement of users of the highway (including non-motorised	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP including a detailed construction traffic management plan which must accord with the
T	A- <u>o</u>	pendix 2.1 & 2.2, App Doc Ref: 5 <u>n driver delay at the</u> Community & Stakeholder Engag	requirement in the draft DCO (App Doc Ref 2.1)	ough a	

requirement of the draft DCO (App Doc Ref 2.1).







Section 6.9 requirement for speed restrictions to Burgess's



						love every anglian
Mitigation mea	sure		Secured by number <u>Pl</u>	hase Reference document locationSecuring mechanism		
				Drove, Bannold Drove and Bannold Road as well as Clayhithe Road will be put in place in accordance with the Temporary Traffic Regulation Order set out in Article 16 of the DCO.		
	<u>T-27</u>	<u>Transport</u> <u>Table 5.3 - Securing</u> <u>Mitigation</u>	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads accessing certain locations for pedestrians and cyclists travelling along Long Drove, Bannold Drove, Burgess's Drove, Fen Road.	Construction Worker Travel Plan Implementation of Construction Worker Travel Plan to encourage construction workers to use more sustainable travel modes, to reduce single occupancy vehicle trips and will investigate the potential for flexible working patterns to facilitate travel outside of the peak period		<u>Construction Workers</u> <u>Travel Plan (Appendix 19.9,</u> <u>App Doc Ref 5.4.19.9)</u>
	<u>T-28</u>	<u>Chapter 19: Traffic and</u> <u>Transport</u> <u>Table 5.3 - Securing</u> Mitigation	public rights of way, footways, and roads perio	<u>measures</u> <u>manage the impact upon users of the PRoW during the constructed</u>	tion	App Doc Ref 5.4.2.1)
	Construction Construction	traffic leads to Code of	 <u>accessing certain location</u> <u>cyclists travelling along Lo</u> <u>Drove, Burgess's Drove, F</u> DCO Schedule 2 	ong Drove, Bannold		
		Impleme ntation of section 7.7 (Traffic and Transpo t) of the <u>CoCP</u> Part A vcling routes, CoCP Part	<u>d</u> <u>Requirement 8 CoCP</u> <u>DCO Schedule 2 Requiren</u> <u>e</u>	nent 9 CEMP including a detailed construction traffic management plan	which must accord with the	e measures set out in the





DCO Schedule 2 Requirement 8 CoCP

DCO Schedule 2 Requirement 9 CEMP including a detailed construction traffic management plan which must accord with the measures set out in the construction traffic management plan



construction	traffic	managon	nont nlan	

	<u>T-31</u>	<u>Chapter 19: Traffic and</u> <u>Transport</u> <u>Table 5.3 - Securing</u> <u>Mitigation</u>	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads accessing locations along all roads used as the construction route (that do not meet the criteria in IEMA rule 2)	Design – Accesses Appropriate design of temporary connections from works areas to the road network in accordance with local highways standards	<u>Construction</u>	ES Chapter 2 Sections 2 para 2.9.3 and 3.1 3.1 Construction phasing and sequence of assembly (App Doc Ref 5.2.2) Design Plans - Highways and Site Access (App Doc Ref 4.11)	DCO Schedule 2 Requirement 7 - Detailed design DCO Schedule 2 Requirement 7- Detailed design
						Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7)	
				Section 7.2 of the CTMP requires that the Principal Contractor(s) will implement a system for monitoring the movement of vehicles associated with the construction of the Proposed Development, this will include the following: Documented pre-commencement meetings with the site manage Active traffic management; and FORS and CLOCS accreditation	ment team as a contr	actual requirement;	
<u>T-3</u>	2 C	hapter 19: Traffic and Transport Table 5.3 - Securing Mitigation					



	Chapter 19: Traffic and	A	Construction tr		Implementation of the CTMP in particular Section 6.9 (Facilitate safe movement of users of the highway (including NMUs)) which includes a commitment to avoid HGV movements through Waterbeach during			al and implementation of a		
		Securing Mitigation	increase in acci and road safety worsening of ro user safety on L Drove, Bannold	idents /-/ bad Long	drop off and pick up hours throughout term time and to adequately reinstate any areas of footpath affe the works and to maintain the existing alignment/gradient as much as is practicable		requirer Ref 2.1)		a	ove every dr nglianwat
imber Phase	Reference docur	<u>ment</u> locat					(Append 5.4.19.7	lix 19.7, App Doc Ref '), secured through a nent of the draft DCO (App Doc		
	Chapter	Table 5.3 Co	nstruction Implem	nentati	on of the CTMP in particular Section 6.9 (Facilitate safe movement of users of the highway (including NMU	ls)Approv	Ref 2.1) al and			
	· · ·		ffic leads which;				entation	•		
	Traffic	Mitigationto				of a				
	and	ter	mporary			Constru				
	Transport		crease in			Environ				
			cidents			Manage				
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			f ety /			-	ment of			
			xrsening road user			the dra				
			fety on			(App De				
			ng Drove,			2.1).				
			ng brove, nnold							
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			rgess's			Traffic				
			ove, Fen			Manage				
		Ro	ad			Plan (A				
						19.7, A f Ref	pp Doc			
						5.4.19.7	7)			
						secured				
						through		•		
							ment of			
							aft DCO	L		
							Doc Ref			
						2.1)				
					requires connectivity/access to community facilities and residential properties to be maintained	,				
					during works. At the level crossings on Bannold Road and Station Road in Waterbeach, construction					
					traffic, where necessary, should have restricted working hours, speed restrictions and the use of banks					
					persons requires that speed restrictions to Burgess's Drove, Bannold Drove and Bannold Road as well					
					as Clayhithe Road to be put in place for the duration of the works in accordance with the Temporary					
			*		Traffic Regulation Order set out in the draft DCO (the detail of which will be subject to agreement with					
					Cambridgeshire County Council and any other relevant stakeholders) requires temporary parking					
					restrictions on Bannold Road junction with Denny End Road / Car Dyke Lane for the duration of the					
					Waterbeach pipeline construction					
	T-30 Chapter 1	.9: Traffic Tal	ble 5.3 Constru	uction	Construction Traffic Management Plan and Community Liaison Plan	Constru	iction	Sections 3, 4.4 (CEMP) and 7.7	DCO Schedu	e
	and		curing traffic l	leads	Requirement within section 3 of the CoCP Part A and B (Appendix 2.1 &			(Traffic and transport) of	2	
	Transport	. Mi	itigation to		2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Community & Stakeholder Engagement) of the CoCP Part A			CoCP Part A (Appendix 2.1,	Requirement	<u>t 8</u>
			tempor		to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of				<u>CoCP</u>	
	Table 5.3		increas		communication are maintained throughout the construction period including: communication of			through a requirement of the	DCO Schedu	e
	<u>Mitigatior</u>	<u>n</u>	accider and roa		changes to access because of PRoW realignment or diversion construction activity, construction vehicle			draft DCO (App Doc Ref 2.1).	2	
			safety /		movements				← <u>Requirement</u>	t 9
			worsen						CEMP	
			of road					Approval and implementation		
			safety					of a Construction		
			on adve	<u>erse</u>				Environmental		
			impact	<u>s to</u>				Management Plan secured		
1			<u>users o</u>					through a requirement of the		
1			cycling					draft DCO (App Doc Ref 2.1).		
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uirements to be adopted duringtraffic	10 03013		ruction workers to use more sustainable travel modes, to reduce		Traver Flatt (Appendix 19.9,	DCO Schedule 2
ds to		tts of way,			App Doc Ref 5.4.19.9)	DCO Schedule 2
Construct	-		occupancy vehicle trips and will investigate the potential for		App Doc Ref 5.4.19.9]	Dequirement 0 CEMD
Worker Travel Plan	-					Requirement 9 CEMP
		accessing locations	patterns to facilitate travel outside of the peak periods.			
<u>,T-33</u>	Table 5.3		,	Construction	Approval and	
	-Securing				implementation of a	
	Mitigation				Construction Environmental	
					Management Plan secured	
		Construction traffic leads to			through a requirement of	
		temporary increase in			the draft DCO (App Doc Ref	
Chapter 19:		accidents and road safety /			2.1).	
Traffic and		worsening of road user	Code of Construction Drastics			DCO Schedule 2
		safety on the local road	Code of Construction Practice		Sections 4.4 (CEMP) and 7.7	Requirement 8 CoCP
Transport		network (that do not meet	Implementation of the CTMP in particular section 7.27 (Monitoring		(Traffic and transport) of	DCO Schedule 2
Table 5.3 - Securing		rule 2)adverse impacts to	Strategy) which requires the Principal Contractor(s) to manage and		Construction Traffic	Requirement 9 CEMP
Mitigation		users of cycling routes,	operate a 'near miss' reporting system to ensure any accidents or		Management PlanCoCP Part	negurement o celvir
		public rights of way,	near misses are recorded and investigated appropriately. Traffic and		<u>A</u> (Appendix 19.7 2.1,	
		footways, and roads	Transport) of the CoCP Part A which includes measures for temporary		App Doc Ref	
		<u></u>	traffic control and measures manage the impact upon users of the		5.4.2.1 5.4.19.7), secured	
			PRoW during the construction period Where relevant, accidents and		through a requirement of	
			near misses will be reported to relevant highways stakeholders by the		the draft DCO (App Doc Ref	
			CLO .		2.1)	
<u>istruction</u>	along all	roads used as the			2.2)	
	construc	tion period by the				
DCO Schedule 2	supply cl	hain.<u>route</u> (that do				
porary adverse impacts	not meet	<u>t the criteria in</u>				
	IEMA rul	<u>e 2)</u>				
struction Workers Requirement 8 CoCP	_					
T-34 Chapter 19: Traffic and	Const	truction Traffic			(App(Adherend	e to Designated
Transport	Mana	agement Plan	Section 6.3 (Adherence to Designated Routes)			
Table 5.3 - Securing			• which specified Routes) and 6.9 (Facilitate that temporary Au	tomatic Number I	Plate Recognition	
Mitigation	Const	truction	(ANPR) Transport safe movement of users of cameras			
accessing locations along all roads use	ed		(subject to the highway (including nonapproval by Camb			
as the construction route (that do not	<u>ectio</u>	ns 4.4 (CEMP), 6.3	motorised users)) of CoCP Highways Authority and any			
meet the criteria in IEMA rule 2)	Imple	ementation of the CTMP in	(Appendix 2.1, App worsening of road user safety on the local			
		cular- <u>:</u>		_		
Construction traffic leads to temporar		proval and implementation	 On Horningsea Road, located immediately north and 	Doc Ref 2.1). Doc	Ref 5.4.2.1) south of the A14 sign	nalised
adverse impacts to users of cycling		Construction				
routes, public rights of way, footways		onmental	junctions; and Construction Traffic			
and roads accessing locations along a	<u>II</u> Tra	ffic and Mitigation	 North of Low Fen Drove Way to capture construction Sect 	ion 5.2 Managem	nent Plan vehicles associated wit	<u>h</u> (T temporary
roads used as the construction route		increase in accidents	site access points and construction road road network (that			
(that do not meet the criteria in IEMA	1	and road safety /	COA3		Ref 5.4.19.7)	=
<u>rule 2)</u>	_	Management Plan				
		secured through a				
		irement of the draft DCO				



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<u>n</u> <u>F</u>	<u>sectio</u> 1 <u>6.9</u> <u>facilita</u> <u>e safe</u>	<u>₽</u> <u>f</u> <u>u</u> <u>S</u>	s of the highway which requires maintaining the existing footw Horningsea Road carriageway at all times with suitable barriers DCO Schedule 2 Requirement 8 CoCP		
<u>T-35</u>	<u>Chapter 19: Traffic and</u> <u>Transport</u> <u>Table 5.3 - Securing</u> <u>Mitigation</u>	Construction traffic leads to temporary adverse impacts to users of cycling routes, public rights of way, footways, and roads accessing locations along all roads used as the construction route (that do not meet the criteria in IEMA rule 2)	Code of Construction Practice and Community Liaison Plan Community & Stakeholder Engagement) of Requirement within section 3 (Community & Stakeholder Engagement) of the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including communication of construction activity, construction vehicle movements Communication of	onstruction Sections 4.4 (CEMP) and 7.7 (Traffic and transport) of CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Community Liaison Plan (App Doc Ref 7.8)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP a detailed community liaison plan which must accord with the measures set out in the community liaison plan,
<u>n</u>	nove	<u>e</u>	DCO Schedule 2 Requirement 9 CEMP including a detailed construction		
	nent	<u>r</u>	with the measures set out in the construction traffic management plan		
<u>T-36</u>	Chapter 19: Traffic and	Construction traffic leads to	signage) which requires the use of temporary signage along all <u>Implem</u>		
	Transport	temporary delay to users of PRoW due to gated	includes measures PRoW in particular; DCO Schedule 2	<u>CoCP Part A (Appendi</u>	<u>IX 2.1, WNICN</u>
	Table 5.3 - Securing contr			App Doc Ref 5.4.2.1)	
		works corridor and constructio	n	<u>App Doe ((er 0.4.2.1)</u>	Requireme
		activities	nt 9 CEMP • the requirement to maintain access through the use	e of safety gates to allow safely cross the construct	
Code of Co	onstruction Practice		<u> </u>		<u>v</u>
<u>T-37</u>	Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation	Construction traffic leads to temporary delay to users of PROW due to gated controlled access on PRoW intersected by works corridor and	Code of eConstruction activities Practice Co Requirement within section 3 (Community & Stakeholder Engagement) of the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including:	onstruction Section 3, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) Community Liaison Plan (App Doc Ref 7.8)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP a detailed community liaison
		unu	the requirement to divert PRoW where no safe option		
Constructi	ion	S	ections exists to continue its use		
4.4 (CEMP) and 7.7	DCO Sch			
			the requirement to restore PRoW to the same condition as before the works took place		
(Traffic an	nd transport) of	<u>Requirement</u>	<u>8 CoCP</u>		
		<u>corridor and construction</u> activities	 <u>communication of changes to access because of PRoW</u> <u>realignment or diversion</u> <u>communication of construction activity, construction vehicle</u> <u>movements.</u> <u>Requirement to appoint CLO</u> 		plan which must accord ei with the measures set out in ai the community liaison plan, te d th th th
			<u>Requirement to implement approved CLP</u>		re
<u>T-38</u>	Chapter 19: Traffic and Transport	Construction traffic leads to temporary delay to users of PRoW due to gated	Code of Construction Practice	a requirement for the use <u>be put in place and users a</u> <u>cross the construction wor</u>	illowed to safely safely
	Table 5.3 - Securing contr Mitigation intersected by		Temporary diversion of the PRoW 85/6 at the outfall works area using 8 n temporary path to re-join the PRoW 85/6 upstream of the outfall works The CoCP Part A incudes The CoCP Part A		<u>d on to the 85/8 to</u> <u>to</u>



effluent pipeline and join the temporary diversion back to the 85/6; and

• <u>a</u> requirement for al PRoW to be restored to the same condition as before the works took place or to a standard which is acceptable to the



Local Highway Authority which returns the paths to the same or better condition, so journey quality is unaffected once the works have been completed.	internal haul road speed limits, warning (hazard signs), potential	DCO Schedule 2 Requirement 10 – Outfall management and
T-39 Chapter 19: Traffic and Transport Construction traffic leads to temporary effect on fear and intimidation for pedestrians and cyclists traveling along Long Drove, Banold Road, Burgess's Road, Fen Road	 n Traffic Management Plan tion of the CTMP in particular ction 6.9 (Facilitate safe movement of users of the highway cluding NMUs) which (in requires connectivity/access to community facilities and residential properties to be maintained during works. At the level crossings on Bannold Road and Station Road in Waterbeach, construction traffic, where necessary, should have restricted working hours, speed restrictions and the use of banks persons requires connectivity/access to community facilities and residential properties to be maintained during works. At the level crossings on Bannold Road and Station Road in Waterbeach, construction traffic, where necessary, should have restricted working hours, speed restrictions and the use of banks persons and residential properties to be maintained during works. At the level crossings on Bannold Road and Station Road in Waterbeach, construction traffic, where necessary, should have restricted working hours, speed restrictions and the use of banks persons Section 6.9 (Facilitate safe movement of users of the highway (including NMUs)-)-which includes a commitment to avoid HGV movements through Waterbeach during school drop-off and pick-up hours throughout term time and to adequately 	ConstructionSections 4.4 (CEMP) CoCP Part A and 3.1 CoCP Part B(Appendix 2.1, App Doc Ref 5.4.2.1 & 5.4.2.2)Sections 6.9 (Facilitate safe movement of users of the highway (including nonmotorised users)) and 7.2 (Monitoring and scheduling) of Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7DCO Schedule 2 Requirement 9 CEMP including a detailed construction traffic management plan which must accord with the measures set out in the construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7Rights of Way Plans (App Doc Ref 4.6)
ConstructionSections 4.4 (CEMP) CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)Rights of Way Plans (App Doc Ref 4.6)Rights of Way Plans (App Doc Ref 4.6)ConstructionSections 6.9 (Facilitate safe movement of users of the highway (including nonmotorised users)) and 7.2 (Monitoring and scheduling) of Construction TrafficManagement Plan (Appendix 19.7, App Doc Ref 5.4.19.7)Management Plan proposed construction haul roads. As a minimum this will includeSchubrz, Schubrz, Schub		monitoring plan DCO Schedule 2 Requirement 9 CEMP including a detailed construction traffic management plan which must accord with the measures set out in the construction traffic management plan e f e e e e f p e f f p e f f f f f f f f f f f f f



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	escription of impact	Mitigation measure Secured by number location				angia
initigation De	Seription of impact					
		much as is practicable				
		highway (including NMUs) which requires that speed				
		restrictions Speed restrictions to Burgess's Drove,				
		Bannold Drove and Bannold Road as well as				
		relevant stakeholders)				
		Section 7.2 which requires that the Principal Contractor(s) will				
			2			
			gement team as a cont	ractual requirement;		
		Active traffic management; and				
		FORS and CLOCS accreditation				
Chapter 19: Traffic and	Construction traffic leads to	Code of Construction Practice and Community Liaison Plan	Construction	Section 3, CoCP Part A		
Transport	temporary effect on fear			(Appendix 2.1, App Doc Ref		
		Requirement within section 3 (Community & Stakeholder Enga	<u>gement)</u>			
	and intimidation for			5.4.2.1)		
Table 5.3 - Securing		of the CoCP Part A to appoint a Community Liaison Officer responsible				
	pedestrians and cyclists			Community Liaison Plan		
Mitigation						
	travelling along Long Drove,					
	Bannold Road, Burgess's of c	changes to access because of PRoW realignment or diversion Road, Fen Road	<u>d</u>			
nt 8 COCP						
ule 2 Requirement 9 CEMP ·	- which must include a detailed	d community liaison plan which must accord with the measures set out in th	e community liaison pl	an a		
ule 2 Requirement 9 CEMP Chapter 19: Traffic and		Requirement within section 3 (Community & Stakeholder E		lan <u>5.4.2.1)</u>		<u>plan</u>
	and intimidation for of th	Requirement within section 3 (Community & Stakeholder E he CoCP Part A to appoint a Community Liaison Officer responsible				<u>plan</u> <u>which</u>
Chapter 19: Traffic and	and intimidation for of th pedestrians and cyclists f	Requirement within section 3 (Community & Stakeholder E he CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are			son Plan	which must
Chapter 19: Traffic and Transport	and intimidation for of th pedestrians and cyclists f travelling along roads tha	Requirement within section 3 (Community & Stakeholder E the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication		<u>5.4.2.1)</u>		which must accord
Chapter 19: Traffic and Transport Table 5.3 - Securing	and intimidation for of th pedestrians and cyclists f travelling along roads tha are part of the construct	Requirement within section 3 (Community & Stakeholder E he CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are	ingagement)	<u>5.4.2.1)</u> <u>Community Liais</u>		which must accord
Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Construction traffic leads to	and intimidation for of th pedestrians and cyclists f travelling along roads tha are part of the constructi	Requirement within section 3 (Community & Stakeholder E the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication ion of changes to access because of PRoW realignment or diversion	Engagement) DCO	<u>5.4.2.1)</u> <u>Community Liais</u> (App Doc Ref 7.8 Schedule 2	8)	which must accord with th
Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Construction traffic leads to Chapter 19: Traffic and	and intimidation for of th pedestrians and cyclists f travelling along roads that are part of the construction <u>Construction traffic leads to</u>	Requirement within section 3 (Community & Stakeholder E the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication ion of changes to access because of PRoW realignment or diversion Code of Construction Practice	Engagement) DCO Construction	5.4.2.1) Community Liais (App Doc Ref 7.8 Schedule 2 Sections 4.4 (CEMP) and 7.7	8) DCO Schedule 2	which must accord with th
Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Construction traffic leads to Construction Chapter 19: Traffic and Transport	and intimidation for of th pedestrians and cyclists f travelling along roads tha are part of the constructi <u>Construction traffic leads to</u> temporary effect on fear	Requirement within section 3 (Community & Stakeholder E the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication ion of changes to access because of PRoW realignment or diversion Code of Construction Practice Implementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 &	Engagement) DCO Construction	5.4.2.1) <u>Community Liais</u> <u>(App Doc Ref 7.8</u>) <u>Schedule 2</u> <u>Sections 4.4 (CEMP) and 7.7</u> <u>(Traffic and transport) of</u>	8) DCO Schedule 2 Requirement 8	which must accord with th <u>2</u> <u>CoCP</u>
Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Construction traffic leads to Construction Computer 19: Traffic and Transport Table 5.3 - Securing	and intimidation for of th pedestrians and cyclists f travelling along roads tha are part of the constructi <u>Construction traffic leads to</u> temporary effect on fear and intimidation for	Requirement within section 3 (Community & Stakeholder E he CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication ion of changes to access because of PRoW realignment or diversion Code of Construction Practice Implementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport) which	Engagement) DCO Construction	5.4.2.1) <u>Community Liais</u> <u>(App Doc Ref 7.8</u>) <u>Schedule 2</u> <u>Sections 4.4 (CEMP) and 7.7</u> <u>(Traffic and transport) of</u> <u>CoCP Part A (Appendix 2.1,</u>	8) DCO Schedule 2	which must accord with th <u>2</u> <u>CoCP</u>
Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Construction traffic leads to Construction Chapter 19: Traffic and Transport	and intimidation for of th pedestrians and cyclists f travelling along roads tha are part of the constructi <u>Construction traffic leads to</u> temporary effect on fear and intimidation for pedestrians and cyclists	Requirement within section 3 (Community & Stakeholder E he CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication ion of changes to access because of PRoW realignment or diversion Code of Construction Practice Implementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport) which includes measures for temporary traffic control and measures manage	Engagement) DCO Construction	5.4.2.1) <u>Community Liais</u> <u>(App Doc Ref 7.8</u>) <u>Schedule 2</u> <u>Sections 4.4 (CEMP) and 7.7</u> <u>(Traffic and transport) of</u>	8) DCO Schedule 2 Requirement 8	which must accord with th 2 CoCP 2
Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Construction traffic leads to Construction Computer 19: Traffic and Transport Table 5.3 - Securing	and intimidation for of the pedestrians and cyclists for travelling along roads that are part of the construction <u>Construction traffic leads to</u> temporary effect on fear and intimidation for pedestrians and cyclists travelling along roads that	Requirement within section 3 (Community & Stakeholder E the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication ion of changes to access because of PRoW realignment or diversion Code of Construction Practice Implementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport) which includes measures for temporary traffic control and measures manage the impact upon users of the PRoW during the construction period.	Engagement) DCO Construction	5.4.2.1) <u>Community Liais</u> <u>(App Doc Ref 7.8</u>) <u>Schedule 2</u> <u>Sections 4.4 (CEMP) and 7.7</u> <u>(Traffic and transport) of</u> <u>CoCP Part A (Appendix 2.1,</u>	8) DCO Schedule 2 Requirement 8 DCO Schedule 2	which must accord with th 2 CoCP 2
Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Construction traffic leads to Construction Computer 19: Traffic and Transport Table 5.3 - Securing	and intimidation for of the pedestrians and cyclists for travelling along roads that are part of the construction <u>Construction traffic leads to</u> temporary effect on fear and intimidation for pedestrians and cyclists travelling along roads that are part of the construction	Requirement within section 3 (Community & Stakeholder E the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication ion of changes to access because of PRoW realignment or diversion Code of Construction Practice Implementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport) which includes measures for temporary traffic control and measures manage the impact upon users of the PRoW during the construction period.	Engagement) DCO Construction	5.4.2.1) <u>Community Liais</u> <u>(App Doc Ref 7.8</u>) <u>Schedule 2</u> <u>Sections 4.4 (CEMP) and 7.7</u> <u>(Traffic and transport) of</u> <u>CoCP Part A (Appendix 2.1,</u>	8) DCO Schedule 2 Requirement 8 DCO Schedule 2	which must accord with th 2 CoCP 2
Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Construction traffic leads to Construction Computer 19: Traffic and Transport Table 5.3 - Securing	and intimidation for of the pedestrians and cyclists for travelling along roads that are part of the construction <u>temporary effect on fear</u> and intimidation for pedestrians and cyclists travelling along roads that are part of the construction route (that do not meet	Requirement within section 3 (Community & Stakeholder E the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication ion of changes to access because of PRoW realignment or diversion Code of Construction Practice Implementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport) which includes measures for temporary traffic control and measures manage the impact upon users of the PRoW during the construction period.	Engagement) DCO Construction	5.4.2.1) <u>Community Liais</u> <u>(App Doc Ref 7.8</u>) <u>Schedule 2</u> <u>Sections 4.4 (CEMP) and 7.7</u> <u>(Traffic and transport) of</u> <u>CoCP Part A (Appendix 2.1,</u>	8) DCO Schedule 2 Requirement 8 DCO Schedule 2	which must accord with th 2 CoCP 2
Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Construction traffic leads to Construction Computer 19: Traffic and Transport Table 5.3 - Securing	and intimidation for of the pedestrians and cyclists for travelling along roads that are part of the construction temporary effect on fear and intimidation for pedestrians and cyclists travelling along roads that are part of the construction route (that do not meet Rule 2)	Requirement within section 3 (Community & Stakeholder E the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication ion of changes to access because of PRoW realignment or diversion Code of Construction Practice Implementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport) which includes measures for temporary traffic control and measures manage the impact upon users of the PRoW during the construction period.	Engagement) DCO Construction	5.4.2.1) <u>Community Liais</u> <u>(App Doc Ref 7.8</u>) <u>Schedule 2</u> <u>Sections 4.4 (CEMP) and 7.7</u> <u>(Traffic and transport) of</u> <u>CoCP Part A (Appendix 2.1,</u>	8) DCO Schedule 2 Requirement 8 DCO Schedule 2	which must accord with th <u>2</u> <u>CoCP</u> <u>2</u> <u>CEMP</u>
Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Construction traffic leads to Con Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation	and intimidation for of the pedestrians and cyclists for travelling along roads that are part of the construction construction traffic leads to temporary effect on fear and intimidation for pedestrians and cyclists travelling along roads that are part of the construction route (that do not meet Rule 2) construction that do not meet	Requirement within section 3 (Community & Stakeholder E the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication ion of changes to access because of PRoW realignment or diversion Code of Construction Practice Implementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport) which includes measures for temporary traffic control and measures manage the impact upon users of the PRoW during the construction period.	Engagement) DCO Construction	5.4.2.1) <u>Community Liais</u> (App Doc Ref 7.8 <u>Sections 4.4 (CEMP) and 7.7</u> (Traffic and transport) of <u>CoCP Part A (Appendix 2.1,</u> <u>App Doc Ref 5.4.2.1</u>) <u>uirement 8 CoCP</u>	8) DCO Schedule 2 Requirement 8 DCO Schedule 2	which must accord with th 2 CoCP 2 CEMP measu
Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Construction traffic leads to Con Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Of Construction Practice	and intimidation for of the pedestrians and cyclists ff travelling along roads that are part of the construction temporary effect on fear and intimidation for pedestrians and cyclists travelling along roads that are part of the construction route (that do not meet Rule 2) route (that do not meet Rule 2)	Requirement within section 3 (Community & Stakeholder E the CoCP Part A to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are at maintained throughout the construction period including communication ion of changes to access because of PRoW realignment or diversion Code of Construction Practice Implementation of section 7.7 of the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref: 5.4.2.1, 5.4.2.2) Part A (Traffic and Transport) which includes measures for temporary traffic control and measures manage the impact upon users of the PRoW during the construction period.	Engagement) DCO Construction Requ DCO	5.4.2.1) <u>Community Liais</u> (App Doc Ref 7.8 Schedule 2 <u>Sections 4.4 (CEMP) and 7.7</u> (Traffic and transport) of <u>CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)</u>	8) DCO Schedule 2 Requirement 8 DCO Schedule 2	which must accord with th 2 CoCP 2
	<u>Chapter 19: Traffic and</u> Transport	Chapter 19: Traffic and Construction traffic leads to Transport temporary effect on fear and intimidation for Table 5.3 - Securing pedestrians and cyclists Mitigation travelling along Long Drove, Bannold Road, Burgess's of c	reinstate any areas of footpath affected by the works and to maintain the existing alignment/gradient as much as is practicable Section 5.9 (Facilitate safe movement of users of the highway (including NMUs) which requires that speed restrictions Speed restrictions to Burgess's Drove, Bannold Drove and Bannold Road as well as Clayhithe Road to be put in place for the duration of the works in accordance with the Temporary Traffic Regulation Order set out in the draft DCO (the detail of which will be subject to agreement with Cambridgeshire County Council and any other relevant stakeholders) Section 7.2 which requires that the Principal Contractor(s) will implement a system for monitoring the movement of vehicles associate with the construction of the Proposed Development, this will include the following: • Documented pre-commencement meetings with the site mana • Active traffic management; and • FORS and CLOCS accreditation Chapter 19: Traffic and Transport Construction traffic leads to code of Construction Practice and Community Liaison Plan Transport Transport emporary effect on fear Requirement within section 3 (Community & Stakeholder Enga and intimidation for Table 5.3 - Securing of the CoCP Part A to appoint a Community Liaison Officer responsible pedestrians and cyclists Mitigation for ensuring that relationships and lines of communication are travelling along Long Drove. (App Doc Ref 7.8) maintained throughout the construction period inclut Bannold Road, Burgess's of changes to access because of PRoW realignment or diversion Road, Fen Roa ule 2	reinstate any areas of footpath affected by the works and to maintain the existing alignment/gradient as much as is practicable = Section 6.9 (Facilitate safe movement of users of the highway (including NNUs) which requires that speed restrictions Speed restrictions to Burgess's Drove, Bannold Drove and Bannold Road as well as Clayhithe Road to be put in place for the duration of the works in accordance with the Temporary Traffic Regulation Order set out in the draft DCO (the detail of which will be subject to agreement with Cambridgeshire County Council and any other relevant stakeholders) Section 7.2 which requires that the Principal Contractor(s) will implement a system for monitoring the movement of vehicles associated with the construction of the Proposed Development, this will include the following; • Documented pre-commencement meetings with the site management team as a contr • Active traffic management; and • FORS and CLOCS accreditation Chapter 19: Traffic and Construction traffic leads to Transport temporary effect on fear Requirement within section 3 (Community & Stakeholder Engagement) and intimidation for Table 5.3 - Securing of the CoCP Part A to appoint a Community Liaison Officer responsible pedestrians and cyclists Mitigation for ensuring that relationships and lines of communication are travelling along Long Drove, (App Doc Ref 7.8) maintained throughout the construction prevision Road, Fen Road ule 2	reinstate any areas of footbath affected by the works and to maintain the existing alignment/gradient as much as is practicable - Section 5.9 (Facilitate safe movement/gradient as much as is practicable - Section 5.9 (Facilitate safe movement/gradient as much as is practicable - Section 5.9 (Facilitate safe movement/gradient as much as is practicable - Section 5.9 (Facilitate safe movement/gradient as much as is practicable - Section 5.9 (Facilitate safe movement/gradient as Clarybithe Road to be put in place for the duration of the works in accordance with the Temporary Taffic Regulation Order set out in the draft DCO (the detail of which will be subject to agreement with Cambridgeshire County Council and any other relevant Stakeholders) - Section 7.2 which requires that the Principal Contractor(s) will implement a system for monitoring the movement of vehicles associated with the construction of the Proposed Development, this will include the following: - Documented pre-commencement meetings with the site management team as a contractual requirement; - Active traffic management; and - FORS and CLOCS accreditation - Chapter 19: Traffic and Construction traffic leads to - Code of Construction Practice and Community Liaion Plan - Construction a, CoCP Part A (Appendix 2.1, App Doc Ref - Requirement within section 3. (Community & Stakeholder Engagement) - and intimidation for - 5.4.2.1) - Table 5.3 - Securing - of the CoCP Part A to appoint a Community Liaion Officer responsible - pedestrians and cyclists - Community Liaion Difficer responsible - predestrians and cyclists - Community Liaion Plan - for suming that relationships and lines of communication are - travelling along Long Longy. (App Doc. Ref 7.8): maintained throughout the construction period including communication - Bannold Road, Burgess's of changes to access because of PROV realignment or diversion Road, Fen Road - de 2	reinstate any areas of footpath affected by the works and to maintain the existing algoment/fargedient as much as is proticible - Section 6.9 (Facilitate safe movement of users of the highway (including NMUs) which requires that speed restrictions Speed restrictions to Burgers's Drove. Banned Drove and Banned Road as well as Clavitithe Road to be put in place for the duration of the works in accordance with the Temporary Traffic Regulation Order set out in the draft DCO the detail of which will be subject to agreement with Cambridgeshire Courty Council and any other relevant stakeholders) Section 7.2 which requires that the Principal Contractor(s) will implement a system for monitoring the movement of vehicles associated with the construction of the Proposed Development, this will include the following: Documented pre-commencement meetings with the site management team as a contractual requirement; Active traffic management; and FORS and CLOCS accreditation Chapter 19: Traffic and Construction traffic leads to Construction traffic leads to Transport temporary effect on fear Construction traffic leads to Construction traffic leads





<u>ty liaison plan</u>





<u>T-43</u>	Chapter 19: Traffic and	<u>Construction traffic leads to</u>	Construction Traffic Management Plan	Construction		DCO Schedule 2
	<u>Transport</u>	temporary effect on fear	Section 4.2 of the CTMP which recognises the footpat	th/cycleway along	Sections 4.4 (CEMP) and 7.7	Requirement 8 CoCP
	Table 5.3 - Securing	and intimidation for	Cowley Road is a potential conflict area which may re		(Traffic and transport) of	DCO Schedule 2
	Mitigation	pedestrians and cyclists	traffic management measures (subject to agreement		CoCP Part A (Appendix 2.1,	Requirement 9 CEMP
		travelling along roads that	pedestrians and other NMUs.		<u>App Doc Ref 5.4.2.1)</u>	(2)(a)(vii) a detailed
		are part of the construction route (that do not meet	Section 7.2 of the CTMP requires that the Principal Co	ontractor(s) will	Sections 4.2 (Local routeing	construction traffic
		Rule 2)	implement a system for monitoring the movement of		and site plant vehicle	management plan whicl
		<u></u>	with the construction of the Proposed Development,		routeing) and 7.2	must accord with the
			following:		(Monitoring strategy) of	measures set out in the
			 Documented pre-commencement meetings 	with the site	CoCP Part A (Appendix 2.1,	construction traffic
			management team as a contractual requirem		<u>App Doc Ref 5.4.2.1)</u>	<u>management plan</u>
			 Active traffic management; and 			
			 FORS and CLOCS accreditation 			
	Chapter 19: Traffic and	4				
	Chapter 15. Traine and	<u>4</u>	Transport			
	Table 5.3 - Securing					
Construction	traffic locale to Code		Mitigation			
		of Construction Practice	Construction	Sections 3 (Community &		
temporary e		montation of castion 7.7 Traffic a	nd Transport) which of the CoCD	Stakeholder Engagement),		
and intimida		ementation of section 7.7 Traffic a	nd Transport) which of the CoCP	4.4 (CEMP) and 7.7 (Traffic		
		A (includes measures for temporal	ry traffic control	4.4 (CEIVIP) and 7.7 (Traine		
nedestrians		oort) of CoCP Part travelling along				
+	ne construction			2.1, App Doc Ref 5.4.2.1)		
	lon't meet Rule			2.1, App Doc Net 3.4.2.1)		
•				Section 4.2 which recogni	ses the footpath/cycleway along	Cowley Road is a potential
which may re	equire diversion and traf	fic management measures (subject	t to agreement with the LHA) for pedestrians and other			



	<u>T-44</u>	
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l confli	ct area	



<u>[-45</u>	Chapter 19: Traffic and Transport Table 5.3 - Securing Mitigation Securing Traffic and Securing Traffic and Securing Traffic and Securing Traffic and Securing Traffic and Securing Traffic and Securing Traffic and Securing		Construction traffic leads to temporary increase in accidents and road safety / worsening of road user safety on the local road network (that do not meet rule 2)Long Drove, Bannold Drove, Burgess's Drove, Fen Road	Requirement within the CTMP for Principal Contractor(s) and Contractor vehicles arriving at the Proposed Development to comply with sufficient safety measures and requirements relating to the following schemes: • Fleet Operator Recognition Scheme (FORS) – Requires fleet operators to demonstrate that they are achieving exemplary levels of best practice in safety, efficiency and environmental protection; and Construction Traffic Management Plan Implementation of the CTMP in particular • Section 4.2 of the CTMP which recognises the footpath/cycleway along Cowley Road is a potential conflict area which may require diversion and traffic management measures (subject to agreement with the LHA) for pedestrians and other NMUs. • Section 6.9 (Facilitate safe movement of users of the highway (including NMUs)) which includes a commitment to avoid HGV movements through Waterbeach during school drop-off and pick-up hours throughout term time and to adequately reinstate any areas of footpath affected by the works and to maintain the existing alignment/gradient as much as is practicable • Section 6.9 (Facilitate safe movement of users of the highway (including NMUs) which; Construction Logistics & Community Safety (CLOCS) – Is a set of road safety requirements – requires connectivity/access to community facilities and residential properties to be adopted maintained during the construction period by the supply chain-works. At the level crossings on Bannold Road and Station Road in Waterbeach, construction traffic, where necessary, should have restricted working hours, speed restrictions to Burgess's Drove, Bannold Drove and Bannold Road as well as • Operational Workers Travel Plan (Appendix 19.8, App	ed through a requirement of	Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO (App Doc Ref 2.1). Sections 4.2 (Local routeing and site plant vehicle routeing), 6.9 (Facilitate safe movement of users of the highway (including nonmotorised users)) and 7.2 (Monitoring and scheduling) Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7) , secured through a requirement of the draft DCO (App Doc Ref 2.1)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP a detailed construction traff management plar which must accor with the measure set out in the construction traff management plar
				 Section 6.9 (Facilitate safe movement of users of the highway 			
	· · · · · · · · · · · · · · · · · · ·		· · ·		ed through a requirement of		
				the draft DCO (App Doc Ref 2.1)			
	+ransport Witigation	to overall	Plan to reduce				
		to overall traffic and	vehicle				
		contributes	movements to				
		to future	and from the				
		delay	proposed WWTP				
			Monitoring of				
			the Operationa	ł			
			Workers Travel				



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		require	ment of		Requirement 8 Co
		CCC for	a 5-year		DCO Schedule 2 F
		period			9 CEMP a detaile
Chapter 19:	Table 5.3	Operational	Controlled through h Operational Transport Logistics Plan and requirements in	Approval and implementation of an Operation Logistics Plan-secured	liaison plan whic
		traffic leads to		through a requirement of the draft DCO (App Doc Ref 2.1).	with the measure
Fransport F	Vitigation	an increased	notifying authorities of abnormal loads		the community li
	:	risk / delay for			46 Chapte and Constr
		users of the			leads to Code of
		local road			Construction Pra
		network as a			Transport
		result of the			increase in
		transportation			Requir
		of abnormal or hazardous			section 3 (Comm
		or nazaroous loads			<u>Stakeholder</u>
		10003	Claubible Dead to be put in place for the duration of		
			<u>Clayhithe Road to be put in place for the duration of</u> the works in accordance with the Temporary Traffic		
			Regulation Order set out in the draft DCO (the detail		
			of which will be subject to agreement with		
			Cambridgeshire County Council and any other		
			<u>relevant stakeholders)</u>		
			 requires temporary parking restrictions on Bannold 		
			Road junction with Denny End Road / Car Dyke Lane		
			for the duration of the Waterbeach pipeline		
			construction		
			 <u>Section 7.2 of the CTMP requires that the Principal Cont</u> 		
			will implement a system for monitoring the movement vehicles associated with the construction of the Propose		
			Development, this will include the following:	<u></u>	
			 Documented pre-commencement meetings with the s management team as a contractual requirement; 	<u>lite</u>	
			 Active traffic management; and 		
			<u>FORS and CLOCS accreditation</u>		
		accidents and	road safety /		
Table 5.2 - S	ecuring	accidents and	Engagement) of the CoCP Part to appoint a Community Li	aison	
10010-0.2-0	couring	worsening of			
Mitigation		<u></u>	Officer responsible for ensuring that relationships and lir	nes of	
		safety on Lor	g Drove, communication are maintained throughout the construction		
		Bannold Drov	e, Burgess's		
			period in	<u>cluding:</u>	
		Drove, Fen R			
			 communication of traffic management activities and ma 	nagement of safety concerns raised by the community, residents and b	ousinesses



f 7.8)

CoCP

Requirement led community ch must accord res set out in liaison plan Tter 19: <u>Traffic</u> truction traffic of ractice temporary

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<u>T-47</u>	<u>Chapter 19: Traffic and</u> <u>Transport</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	<u>Construction traffic leads to</u> <u>temporary increase in</u> <u>accidents and road safety /</u> <u>worsening of road user</u> <u>safety on the local road</u> <u>network (that do not meet</u> <u>rule 2)</u>	 <u>Construction Traffic Management Plan</u> <u>Implementation of the CTMP in particular</u> <u>Section 4.2 which recognises the footpath/cycleway along Cowley</u> <u>Road is a potential conflict area which may require diversion and traffic management measures (subject to agreement with the LHA) for pedestrians and other NMUs.</u> <u>Section 5.2 (Temporary access points and construction road signage) which requires the use of temporary signage along all proposed construction haul roads. As a minimum this will include internal haul road speed limits, warning (hazard signs), potential vehicle or pedestrian</u> <u>Section 6.3 Adherence to Designated Routes</u> 	Sections 4.2 (Local routeing and site plant vehicle routeing), 5.2 (Temporary access points and construction road signage), (6.3 (Adherence to Designated Routes) and 7.2 (Monitoring and scheduling) Construction Traffic Management Plan (Appendix 19.7, App Doc Ref 5.4.19.7)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP a detailed construction traffi management plan which must accord with the measures set out in the construction traffic management plan



<u>raffic</u>



• Section 7.2 (Monitoring Strategy) which requires the Principal Contractor(s) to manage and operate a 'near miss' reporting system to ensure any accidents or near misses are recorded and

Construction Sections 3 (Community & Stakeholder Engagement), 4.4 (CEMP), and 7.7 (Traffic and transport) of CoCP Part A (Appendix 2.1, App Doc

DCO Schedule 2 Requirement 8 CoCP

7.8)

investigated appropriately. Where relevant, accidents and near misses will be reported to relevant highways stakeholders by the CLO. • Section 7.2 of the CTMP requires that the Principal Contractor(s) will implement a system for monitoring the movement of vehicles associated with the construction of the Proposed Development, this will include the following: – Documented pre-commencement meetings with the site management team as a contractual requirement; Active traffic management; and – FORS and CLOCS accreditation T-48 Chapter 19: Traffic and Operational traffic **Operational Worker Travel Plan** Operation Operational Workers Travel DCO Schedule 2 contributes to overall traffic Transport Plan (Appendix 19.8, App Requirement 7 - Detailed Implementation of Operational Worker Travel Plan to reduce vehicle Doc Ref 5.4.19.8) and contributes to future design Table 5.3 - Securing movements to and from the proposed WWTP delay



Ref 5.4.2.1) Community Liaison Plan (App Doc Ref



	Mitigation		Monitoring of the Operational Workers Travel Plan (OWTP) will be a			DCO Schedule 2 Requirement 19
			requirement of CCC for a 5-year period			Operational Logistics Traf
						<u>Plan</u>
<u>T-49</u>	<u>Chapter 19: Traffic and</u> <u>Transport</u> <u>Table 5.3 - Securing</u> <u>Mitigation</u>	Operational traffic leads to an increased risk / delay for users of the local road network as a result of the transportation of abnormal	Operational Logistics Traffic Plan <u>Controlled through Hthe Operational Transport Logistics Traffic Plan and</u> <u>requirements in relation coordination of vehicle movements in line with</u> <u>the regulations for notifying authorities of abnormal loads</u>	<u>Operation</u>	ES Chapter 19 Traffic an Transport Table 5-3 (App Doc Reg 5.2.19)	DCO Schedule 2 Requirement 19 Operational Logistics Trai Plan
		or hazardous loads	Approval and implementation of an Operation Transport Logistics Plan			
nedule 2 F	Requirement 9 CEMP a deta	iled community liaison plan which	h must accord with the measures set out in the community liaison plan, T-5	0 Chapter 19: Traff	<u>ic and</u>	
			Transport			
	Table 5.3 - Securing					
			Mitigation			
perational		movements and the nent Automatic Number Plate Rec	cognition (ANDR) compares will be			
				e new connection to	the he installed at the prop	osed Cambridge WWTP site
	Horning	· · · · · · · · · · · · · · · · · · ·				
			Horningsea Road junction leads to adverse-connection to the			
r ough a re						
ough a re	Hornin	sea-Road once the proposed Car	nbridge WWTP site access is			
ough a re		;sea- Road once the proposed Can n fear and intimidation for pedes	0			
U	effect o	n fear and intimidation for pedes	trians-operational			
rningsea I	effect o Road junction (subject	n fear and intimidation for pedes	0	cal		
orningsea I	effect o Road junction (subject erse effect on	n fear and intimidation for pedes	s trians- operational County Council as and cyclists travelling along Horningsea-Road the Lo	cal		

and intimidation for

Chapter 20: Water Resources <u>T-</u> 51	Chapter 19: Traffic and Transport Table 5.23 - Securing Mitigation	Impact of accidental spills to groundwater quality while relocating rising mains and gravity sewers at the existing Cambridge Operational vehicle movements and the presence of the new connection to the Horningsea Road junction leads to adverse effect on	Operational Transport Logistics Plan Management of construction activities as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 which requires the Principal Contractor(s) to produce a Water Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site.vehicle movements through application of measures within opperational transport Liogistics pTraffic Plan including scheduling of deliveries and monitoring of vehicle movements including through use of ANPR data. The plans will be	<u>Operation</u>	ES Chapter 19 Traffic and Transport Table 5-3 (App Doc Reg 5.2.19)	Sections 4.4, CoCP Part A (Appendix 2.1, App Doc Re 5.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environment
		leads to adverse effect on fear and intimidation for	movements including through use of ANPR data . The plans will be			DCO Schedule 2



<u>ics Traffic</u>	<u>DCO</u>		
i <u>cs Traffic</u>			
TP site acce	ss on		
ANPR data	, - <u>fear</u>		

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	pedestrians and cyclists			
Chapter 20: Table 5.2 - Securing — Impact of below-ground structures and areas	Travelling along Horningsea WWTPRoad Detailed surface water drainag drainage to accord with require	the requirement to measures ap use of drip tr requirement contaminatin the Control of Dangerous Su 2002. Carequirement be undertaken with the CEMPs) where ge design will comply rements set out withing	Corporated into the CEMP(s). These plans will include complement best practice measures including: plied for the management of leaks and spillages such as ays and provision of spill kits for the safe storage and handling of potentially magematerials including fuels and oils in accordance with of Pollution (Oil Storage) (England) Regulations 2001 and ubstances and Explosive Atmospheres Regulations ent for refuelling of machinery used fort the works to hin designated areas (unless expressly stated within spillage can be more easily contained with the Drainage Strategy (Appendix 20.12, App Doc Ref 5.4.20.12). This inc in The Environment Agency's Approach to Groundwater Protection, Feb 2018 : the specific requirements for the detailed drainage design to:	
pedestrians and cyclists	-	-	proposed WWTP in areas of potential contamination.	
travelling along Horningsea Road Water Resources Mitigation Operation of hardstanding, on drainage in the	determine the area of p infiltration could occur. incorporate incidences o incorporate a storage ar	ermeable surfaces wi of emergent groundw ad attenuation featur	-proposed www.r-in areas or potential containination. ithin the land required for the landscape masterplan, access road and propose rater which would then become surface water and managed within the integr e within the landscape masterplan vironmental Management Plan secured through a requirement of the draft D	ated drainage solution to
Chapter 20: Table 5.2 - Securi Water Resources Mitigation	conditions during outfall o	construction, on	Management of construction activities as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 which requires the Principal Contractor(s) to	Approval of the detailed design, construction risk assessme statement in relation to outfall construction and dewaterin
	water quality of the River		produce a Water Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans	through applicable Environmental Permit (Flood Risk Activi Discharge) or in case of dewatering working within a Regul Statement issued by the Environment Agency
WWTP, and recharge and groundwater in the aquifer. <u>DCO</u> Schedule 2 Incidences of emergent groundwater will be managed by surface water drainage design.	Section 7 Drainage	'. <u>2 (Monitoring desig</u> - <u>S</u> €trategy <u>) CTMP</u> (Ap	Control Plan, and risk assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans	Discharge) or in case of dewatering working within a Regul Statement issued by the Environment Agency Requirement 7 - Detailed



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nent and method ing as secured ivities &Water sulatory Position



		including:	requirement to implement best pra	actice measures		Part A (Appendix 2.1, App Doc Ret t of the draft DCO (App Doc Ref 2.1)
			• •			
W-2 Chapter 20: Water Resources Table 5.2 - Securing Mitigation	Impact of below-ground structures and areas of hardstanding, on drainage in the WWTP, and recharge and groundwater in the aquifer.	drainage design. Detailed surface water drainage design. Strategy (Appendix 20.12, App Door requirement for drainage to accord Environment Agency's Approach to (Version 1.2 or whatever guidance) well as the specific requirements for areas of potential contam • provide a segregated drain areas of potential contam • determine the area of per required for the landscap proposed WWTP through • incorporate incidences of then become surface wate	d with requirements set out within The o Groundwater Protection, Feb 2018 is current at the time of design) as for the detailed drainage design to: inage system for the proposed WWTP in hination. rmeable surfaces within the land memory and a surfaces road and which infiltration could occur. Emergent groundwater which would the managed within the integrated	- in	Drainage strategy (Appendix 20.12, App Doc Ref 5.4.20.12)	<u>DCO Schedule 2</u> <u>Requirement 15 – Drainage</u> qui
		drainage solution to incor feature within the landsca	rporate a storage and attenuation ape masterplan			
			the bank that are disturbed/cleared	d , avoiding		
			stockpiling of material close to the			
			fencing or coir rolls on gentle slops	installed at levelled		
Noncoment of construction		Dollution Incident Control Dia	contours to control runoff.			
Management of constructio activities as described within th			 n, and risk assessments before works c led to or incorporated into the CEMP(s) 			
			to implement best practice measures in			
CoCP Par relocating rising mains and	L .	will include the requirement t	to implement best practice measures in	nciuunig.		
A and B (Appendix 2.1 & 2.2, App		•	construction such as the use of cut off			
Doc Ref 5.4.2.1, 5.4.2.2) in			nimising the areas of land that are dist			
particular	0 . 0		urses, use of silt fencing or coir rolls on	rgentle slops		
gravity sewers at the	installed at levelled cont	ours to control runoff.				
Part A section 4.4 which requires						
Part A section 4.4 which requires the Principal Contractor(s) to		 measures applied for 	r the management of leaks and spillage	es such as use of		
		 measures applied for drip trays and provis 		es such as use of		
the Principal Contractor(s) to		drip trays and provis	ion of spill kits			
the Principal Contractor(s) to produce existing Cambridge WWTP a Water Qua		drip trays and provis requirement for the 	ion of spill kits safe storage and handling of potentiall	ly contaminating		
the Principal Contractor(s) to produce existing Cambridge WWTP a Water Qua lity		drip trays and provis requirement for the materials including fit 	ion of spill kits	ly contaminating ontrol of Pollution		
the Principal Contractor(s) to produce existing Cambridge WWTP a Water Qua lity Ma		 drip trays and provis requirement for the materials including fu (Oil Storage) (England) 	ion of spill kits safe storage and handling of potentiall uels and oils in accordance with the Co	ly contaminating ontrol of Pollution		
the Principal Contractor(s) to produce existing Cambridge WWTP a Water Qua lity Ma nag		 drip trays and provis requirement for the materials including fu (Oil Storage) (England) 	ion of spill kits safe storage and handling of potentiall uels and oils in accordance with the Co d) Regulations 2001 and Dangerous Su	ly contaminating ontrol of Pollution		
the Principal Contractor(s) to produce existing Cambridge WWTP a Water Qua lity Ma nag eme		 drip trays and provis requirement for the materials including fu (Oil Storage) (England) 	ion of spill kits safe storage and handling of potentiall uels and oils in accordance with the Co d) Regulations 2001 and Dangerous Su	ly contaminating ontrol of Pollution		
the Principal Contractor(s) to produce existing Cambridge WWTP a Water Qua lity Ma nag eme nt		 drip trays and provis requirement for the materials including fu (Oil Storage) (England) 	ion of spill kits safe storage and handling of potentiall uels and oils in accordance with the Co d) Regulations 2001 and Dangerous Su	ly contaminating ontrol of Pollution		
the Principal Contractor(s) to produce existing Cambridge WWTP a Water Qua lity Ma nag eme		 drip trays and provis requirement for the materials including fu (Oil Storage) (England) 	ion of spill kits safe storage and handling of potentiall uels and oils in accordance with the Co d) Regulations 2001 and Dangerous Su	ly contaminating ontrol of Pollution		



Ref 5.4.2.1) .1).

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		 whilst construction work takes place. These will be reflected in an appended plan to/as part of the CEMP. This will include the following requirement to minimise construction period for sections identified within the flood zone the timing of river crossing works in summer months if possil requirement for a flood management plan for construction within areas at risk of flooding Inclusion of dry access/egress routes for pedestrians from compounds requirement for any soil temporarily stored within the flood to include gaps to allow flood water to run through 	ble vorks	
Chapter 20: Table 5.2 - Securing Water Resources Mitigation	Impact of dewatering during construction of the TPS shaft on groundwater levels at natur conservation sites.	 Management of construction activities as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 of Part A which requires the Principal Contractor(s) to produce a Water Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site The plans will be appended to or incorporated int the CEMP(s). These plans will include the requirement to implement best practice measures in relation to management of groundwater including: management of dewatering activities in accordance with Environment Agency specifications including rates and durations of the place if monitoring of water levels in Black Dit indicates adverse changes as result of dewatering during the TPS construction leads to significant effects to surface water bodies 	 Water resources and flood risk (dewatering) and 5.7, F Control Plan, CoCP Part B (Appendix 2.2, App Doc Ref 1 through a requirement of the draft DCO (App Doc Ref 2 Management Plan secured through a requirement of the Doc Ref 2.1). Requirement for a water monitoring plan to include sp water quality monitoring at the specified location thro the draft DCO (App Doc Ref 2.1). 	Pollution Incident 5.4.2.2) secured 2.1). Anmental he draft DCO (Ap Decific provision fi
Resources Table 5.2 - Securing Mitigation	A and B -{Appendi Part A section 4.4 Water Quality Ma risk assessments h appended to or in the requirement t res d can u rese f can u can u t can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u can u c can u c can u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c u c c c u c c c c u c c c c c u c c c u c c c c c c c c c c c c c c c c c c c c	ion Practice Construction onstruction activities as described within the CoCP Part A A x 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular A -which requires the Principal Contractor(s) to produce a A nagement Plan(s), Pollution Incident Control Plan, and A before works commence on site. The plans will be Corporated into the CEMP(s). These plans will include o implement best practice measures including: E effulling of machinery used fort the works to be undertaken within Construction gnated areas (unless expressly stated within the CEMPs) where spillage Coeperator be more easily contained Construction The management of water urces and flood risk as set out within Section 7.5 of the CoCP Part A, A er resources and flood risk, sets out a framework for the control of flood A during construction, identifying a number of 'standard' mitigation Sures which will be implemented sures which will be implemented. Sections 4.4 (CEMP) Para rerecourses/drainage channels), 7.5 (Water resources and flood risk) Sections 4.4 (CEMP) Para	Sections 4.4 (CEMP) Para 4.4.4, Section 5.13 (River work), 7.5 (Water resources and flood risk) within Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1) DCO Schedule 2 Requirement 9 (2)(a)(v CEMP to include detail WQMP, Requirement 9 (2)(a)(v CEMP to include detail WQMP, Requirement 9 5.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1).App Doc Ref Sections 3, CoCP Part B (Appendix 2.21, App Doc Ref 5.4.2.21) secured through a	2.1).<u>8</u> CoCP i) ed Approval and

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sion for rement of

ement of the CO (App Doc Ref o<u>CP</u>

l and entation of a tion ental ent Plan rough a ent of the draft Doc Ref 2.1).): Table ring Impact of g during outfall edule 2 ent 9 CEMP (





Chapter Mitigation Description of impact Mitigation measure Secured by number location

Water Resources Mitigation
 Management of dewatering
 activities in accordance with
 Environment Agency specifications
 including treating dewatering
 effluent prior to discharge and
 control of dewatering discharge
 rates to prevent scour.
 construction on groundwater

and surface water flows and levels

 Management of construction activities as described within the CoCP Part A and B - (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2), in particular Part A section 4.4 of Part A-which requiresd the Principal Contractor(s) to produce a Water Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will include the requirement to implement best practiese measures -in relation to management of dewatering effects on groundwateractivities including:

- <u>mM</u>anagement of dewatering activities in accordance with
- Environment Agency specifications including rates and durations treating dewatering effluent prior to discharge and control of dewatering discharge rates to prevent scour
- measures to control dewatering (such as ceasing, changing of pump rates) to be put in place if impacts on water flows / levels are identified_The application of measures to prevent run-off from construction to the landside draining to the cofferdam such as the use of cut off drains, avoiding vegetation removal right up to the bank, minimising the areas at the bank that are disturbed/cleared, avoiding stockpiling of material close to the banks, use of silt fencing or coir rolls on gentle slops

installed at levelled contours to control runoff.



Approval of the detailed design,

W-4Chapter 20: Water ResourcesTable 5.2 - Securing Mitigation	Impact of construction sites increasing surface water flood risk by increasing surface water runoff during periods of heavy rainfall	Code of Construction Practice Management of construction activities as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 which requires the Principal Contractor(s) to produce a Water Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will include the requirement to implement best practice measures including: • The application of measures to prevent run-off from construction such as the use of cut off drains, avoiding vegetation removal right up to the banks of watercourses, minimising the areas of land that are disturbed/cleared, avoiding stockpiling of material close to the banks of watercourses, use of silt fencing or coir rolls on gentle slops installed at levelled contours to control runoff.	Construction	Sections 4.4 CEMP, 7.5 (Water resources and flood risk, dewatering) and 5.7 (Pollution Incident Control Plan) (Appendix 2.1, App Doc Ref 5.4.2.1) Section 3.1, CoCP Part B (Appendix 2.2, App Doc Ref 5.4.2.2) ES Chapter 2 Project description para 2.12.9 (App Doc Ref 5.2.2)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP Requirement 9 - CEMP to include detailed WQMP and a detailed PICP
		The management of water resources and flood risk as set out within Section 7.5 of the CoCP Part A, Water resources and flood risk, sets out a framework for the control of flood risk during construction, identifying a number of 'standard' mitigation measures which will be implemented whilst construction work takes place. These will be reflected in an appended plan to/as part of the CEMP. This will include the following: construction risk assessment and method statement in relation to outfall construction and dewatering as secured through			

applicable (2)(b)(vi) CEMP to include

Section 3.3 CoCP Part B detailed WQMP

(Appendix 2.2, App Doc Ref <u>5.4.2.2</u>) Environmental Ppermit (Flood Risk Activities & Water Discharge) or in case of dewatering working within a Regulatory Position Statement issued by the

ES Chapter 2 Project description para 2.12.9 (App Doc Ref 5.2.2)











surface	(App	endix 2.2, App Doc Ref 2.1		· · · · · · · · · · · · · · · · · · ·	
W-6Chapter 20: Water ResourcesTable 5.2 - Securing Mitigation	Impact of dewatering during outfall construction on groundwater and surface water flows and levels	Code of Construction Practice Management of construction activities as described within the CoCP Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2,) in particular Part A-section 4.4 of Part A which requireds the Principal Contractor(s) to produce a Water Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will include the requirement to implement best practisce measures in relation to management of dewatering activities effects on groundwater including: M • management of dewatering activities in accordance with Environment Agency specifications including rates and durations of pump rates) to be put in place if impacts on water flows / levels are identified		Sections 4.4 (CEMP), 7.5 (Water resources and flood risk), dewatering, management of silt during construction),and 5.7 (Pollution Incident Control Plan) CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP Environmental Permit (Flood Risk Activities &Water Discharge) or in case of dewatering working within a Regulatory Position Statement issued by the Environment Agency
water bodies Sections 4.4 Construction Environment Management Plan_Sections 4.4 (CEMP), Section 7.5 [Water resources and flood risk (dewatering)), management of silt during construction) and 5.77 [Pollution Incident Control Plan,-) CoCP Part A (Appendix 2.12, App Doc Ref 5.4.2.1) secured through a requirem ent of the draft DCO (Section 3.1 of CoCP Part B	the draft DCO (App Doc Re	a Flood Risk activity permit required for construction activities carried out v	·		





Mitigation Description of impact Mitigation measure Secured by number location Chantor • Approval of the detailed design, construction risk assessment and method statement in relation to outfall construction and dewatering ation Marly Chalk Formation on watercourses including the River Cam, Black Ditch and Quy Water, during construction of the Chapter 20: Water W-7 TDS chaft Resources Management of dewatering on the changes to availability of groundwater through Table 5.2 - Securing Formation on groundwater risk), dewatering, Mitigation the monitoring of water levels in available monitoring boreholes within Impact of dewatering of the levels during construction of management of silt during Grou the land required for proposed WWTP and landscape masterplan, would be undertaken for a ndwater monitoring the TPS shaft construction), and 5.7 period prior to, during and following all dewatering activities during Construction Sections 4.4 (CEMP), 7.5 (Pollution Incident Control construction at West Melbury Marly Chalk (Water Table 5.2 - Securing Impact of dewatering of West Melbury Marly Management of dewatering on the changes to groundwater through: Chapter 20: Implementation of works to accord with the requirements of t Chalk Formation on a surface water Water Resources **Mitigation** Environmental Permit (Abstraction/Water Discharges) and or v intaining regular contact with the owner of a nearby private abstraction for agriculture (spray irrigation) in RPS261 issued by the Environment Agency borehole during construction and putting in place measures to Black Ditch maintain supply to the property if required. These will be outlined Sections 3.3, CoCP Part B (Appendix 2.2, App Doc Ref 5.4.2.2) in the CEMP. through a requirement of the draft DCO (App Doc Ref 2.1). there will not be any dewatering to the Black Ditch itself. Approval and implementation of a Construction Environmenta Management Plan secured through a requirement of the draft Doc Ref 2.1). Community Liaison Plan (CLP) (App Doc Ref 7.8) which is secur requirement in the draft DCO (App Doc Ref 2.1) the proposed WWTP in order to inform management resources and flood Water Resources Plan) CoCP Part A response should monitoring indicate a change in groundwater flows as a ₩. (Appendix 2.1, App Doc Ref result of dewatering. Management responses may include but not be 5.4.2.1) limited to reducing or ceasing dewatering, or amending dewatering g Groundwater monitoring Sections 4.4 (CEMP) Para Impact of dewatering of the Sections 4.4Pre DCO Schedule 2 <u>W-8</u> Chapter 20: Water 4.4.4, and 7 .5 (Water West Melbury Marly Chalk Construction Requirement 8 CoCP <u>Resources</u> Management of dewatering on the changes to groundwater through the resource and flood risk), Formation on Table 5.2 - Securing DCO Schedule 2 monitoring of water levels in available monitoring boreholes within the **Construction** CoCP Part A (Appendix 2.1, groundwaterwatercourses land required for proposed WWTP and landscape masterplan, would be **Mitigation** Requirement 9 CEMP **Operation** App Doc Ref 5.4.2.1) including the River Cam, undertaken for a period prior to, during and following all dewatering Requirement 9 - CEMP Black Ditch and Quy Water, Section 3.1 CoCP Part B activities during construction at the proposed WWTP in order to inform include detailed WQMP during construction of the (Appendix 2.1, App Doc Ref management response should monitoring indicate a change in TPS shaft. <u>5.4.2.2)</u> DCO Schedule 2 groundwater flows as a result of dewatering. Management responses Requirement 22 may include but not be limited to reducing or ceasing dewatering, or ES Chapter 2 Project **Operational Water Qua** amending dewatering points and would be agreed through consultation Description Section 5.1 Monitoring Plan with the Environment Agency. **Operation**, **Operational** environmental management (App Doc Ref 5.2.2)

> ES Chapter 20:Water Resources Section 4 (App Doc Ref 5.2.20)

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Table 5.2 - Securing Chapter 20: Water Resources **Mitigation**

Impact of dewatering of the West Melbury Marly Chalk Formation on groundwater levels during construction of the TPS shaft

Management of dewatering on the availability of groundwater through the monitoring of water levels in available monitoring boreholes within the land required for proposed WWTP and landscape masterplan, for a period prior to, during and following all dewatering activities during construction at the proposed W/WTP in order to inform management response should monitoring indicate a change in groundwater flows as a result of dewatering. Management responses may include but not be limited to reducing or ceasing dewatering, or amending dewatering points and would be agreed through consultation with the Environmen Agency.

Sections 4.4 Construction-Environment Management Plan, Section 7.5 Water resources and flood risk (dewatering, management of silt during construction) and 5.7, Pollution Incident Control Plan CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) and Sections 3.3, CoCP Part B (Appendix 2.2, App Doc Ref 5.4.2.2) secured through a requirement of the draft DCO (App Doc Ref 2.1).

Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO (App Doc Ref 2.1).

Requirement for a water monitoring plan to include specific provision for water quality monitoring at the specified location through a requirement of the draft DCO (App Doc Ref 2.1).

Agency. Implementation of works to accord with the requirements of the Environmental Permit (Abstraction/Water Discharges) and or work within RPS261 issued by the Environment Agency DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP

Requirement 9 - CEMP to include detailed WQMP





Requirement for a water monitoring plan to include specific provision for water quality monitoring at the specified location through a requirement of the draft DCO (App Doc Ref 2.1).



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<u>W-9</u>	Chapter 20: Water		Groundwater monitoring	Pre construction	Sections 4.4 (CEMP) Para	DCO Schedule 2
	<u>Resources</u>		Monitoring of water levels in available monitoring boreholes within the	<u>Construction</u>	<u>4.4.4, and 7 .5 (Water</u> resource and flood risk),	Requirement 8 CoCP
	Table 5.2 - Securing		land required for proposed WWTP and landscape masterplan, would be	Operation	CoCP Part A (Appendix 2.1,	DCO Schedule 2
	Mitigation		undertaken for a period prior to, during and following all dewatering		App Doc Ref 5.4.2.1)	Requirement 9 CEMP
W-10	Chapter 20: <u>Water</u>		activities during construction at the proposed WWTP in order to inform CoCP Water Resources Part			
<u>vv-10</u>	Resources		Cour Water Resources <u>rait</u>		Mitigation Wat	erbeach pipeline
	Table 5.2 - Securing	trench on land drains and	Part A and B	(Appendix 2.1 & 2.2,	App Doc Ref 5.4.2.1, 5.4.2.2) in	groundwater flow
	Mitigation					tercourses and
			management response should monitoring indicate a change in		Section 3.1 CoCP Part B	Requirement 9 - CEMP to
			groundwater flows as a result of dewatering. Management responses		(Appendix 2.1, App Doc Ref	include detailed WQMP
			may include but not be limited to reducing or ceasing dewatering or		<u>5.4.2.2)</u>	DCO Schedule 2
			amending dewatering points and would be agreed through consultation with the Environment Agency.		ES Chapter 2 Project	Requirement 22 –
					Description Section 5.1	Operational Water Quality
			The scope of the monitoring including its duration will be agreed with all		Operation, Operational	Monitoring Plan
			relevant stakeholders before commencement of works which could		environmental	
			potentially impact the ditch.		management (App Doc Ref	
					<u>5.2.2)</u>	
					ES Chapter 20:Water	
					Resources Section 4 (App	
					Doc Ref 5.2.20)	
	excavation and <u>Code of</u>		A and B (Application Document Ref 5.4.2.1) in particular section 4.4			
Constructio	on Practice	trenches on land drains and			drainage), 7.5 (Water	
Constructio	on Sections 4.4 (CEMP)		which requires the Principal Contractor(s) to produce a Water Quality			
Para	JII JECHOIIS 4.4 (CLIVIP)	groundwater flow	produce a water Quality		resources and flood risk)	
	stormwater and 4.4.4,	groundwater now	Management Plan(s), Pollution Incident Control Plan, and risk within C	Code of Construction a		nence on site. The
Section 5.1			plans will be			
	Man				Practice (CoCP) Part A ap	pended to or
	age		incorporated into the CEMP(s). These plans will include			
	men				(Appendix 2.1, App Doc R	<u>ef</u> the
	t of		requirement to implement the following measures in relation to		5.4.2.1) groundwater flow:	
	cons truct				<u>3.4.2.1)</u> groundwater now.	
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Monitoring Plan



Chapter 20: Water Resources	Table 5.2 - Securing Mitigation	Impact of excavation and I stormwater and final efflu trenches on land drains an	ent pipeline	Management of construction activities as described v Part A and B (Application Document Ref 5.4.2.1) in pi 4.4 which requires the Principal Contractor(s) to prod Quality Management Plan(s), Pollution Incident Contr assessments before works commence on site. The pla appended to or incorporated into the CEMP(s). These the requirement to implement the following measure groundwater flow:	articular section Juce a Water of Plan, and risk Ins will be -plans will include	Sections 5.14, CoCP Part A (App through a requirement of the d Approval and implementation of Management Plan secured thro Doc Ref 2.1). Sections 3.1 CoCP Part B (Appen through a requirement of the d	raft DCO (App Doc R of a Construction Env ugh a requirement o ndix 2.2, App Doc Re	ef 2.1). vironmental of the draft E f 5.4.2.2) see	DCO (
				 a requirement within the CoCP Part A (Watercourses/drainage channels) wi identification of land drains potential construction works and the reinstated works drainage system to the satisfac owner. a requirement within the CoCP Part B requires the backfilling of trenches w materials, including the use of clay plu necessary to prevent preferential gro backfilled trenches. 	hich requires the y affected by ment of a post tion of the land , section 3.4 which ith suitable igs or partitions if				
Sections	3.4 CoCP Part B	_a	t withi	n the CoCP Part A, section 5.14		(Appendix	2.2, App Doc Ref	DCO Schedu	ule 2
		r e q u i r e m	identif draina * <u>•</u> a requ materi	rcourses/drainage channels) which requires the ication of land drains potentially affected by construction ge system to the satisfaction of the land owner. irement within the CoCP Part B, section 3.4 which requi als, including the use of clay plugs or partitions if neces backfilled trenches.	res the backfilling o	 <u>5.4.2.2</u>) nstatement of a post works f trenches with suitable 		Requirement DCO Schedu Requirement Requirem ent 9 - CEMP to include	nt 8 ule 2
<u>Res</u> Tab	apter 20: Water iources ole 5.2 - Securing igation	Impact of excavation and backfill of stormwater and final effluentWaterbeach pipeline trenches on land drains and groundwater flow	A and B -{Applicatic 5.4.2.2} in particula Contractor(s) to pro Incident Control Pla site. The plans will These plans will inc measures in relatio	nstruction activities as described within the CoCP Part n DocumentAppendix 2.1 & 2.2, App Doc Ref 5.4.2.1, r section 4.4 -which requires the Principal oduce a Water Quality Management Plan(s), Pollution an, and risk assessments before works commence on be appended to or incorporated into the CEMP(s). lude the requirement to implement the following n to groundwater flow: ment within the CoCP Part A, section 5.14	<u>Construction</u>	Sections 4.4 (CEMP) Para 4.4.4, Section 5.14 (Watercourses and drainage), 7.5 (Water resources and flood risk) within Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1)	DCO Schedule 2 Requirement 8 Co Requirement 9 - C include detailed W a detailed PICP	<u>EMP to</u> /QMP and	e cur , DCO
		e Sections 5.14, CoCP Part A	<u>identificat</u> works and <u>the satisfa</u>	rses/drainage channels) which requires the ion of land drains potentially affected by construction the reinstatement of a post works drainage system to ction of the land owner. Poc Ref 5.4.2.1) secured through a requirement of the d	raft DCO (App Doc R	Sections 3.4 CoCP Part B (Appendix 2.2, App Doc Ref 5.4.2.2) ef 2.1).		detailed WQMP	



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			 <u>a requirement within the CoCP Part B, section 3</u> requires the backfilling of trenches with suitabl including the use of clay plugs or partitions if ne prevent preferential groundwater flow in backfil 	e materials, ccessary to		
<u>W-12</u>	Chapter 20: Water	Impact of leakage from	Design Features and Construction Methods	Construction ES		Commissioning Plan
Chapter 2:Pr	roject Resources	Waterbeach pipeline to Manageme	nt of excavation and backfill on drainage and groundwater	Description section 3.4,	5.4	4 CoCP Part B (Appendix 2. 2 4, App [1.2. 2 4) secured through
	Table 5.2 - Securing	groundwater quality	through:robust design, construction and pressure testin	<u>Construction techniques</u> and methodology para	Doc Ref 2.1). 7 - Detailed design	of the draft DCO (App
	Mitigation		Waterbeach pipeline which will mitigate against pipeline Approval and implementation of a Construction Enviro through a requirement of the draft DCO <u>3.4.4</u>	leakage during mmental Management Plan secured	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP	
* <u>W-13</u>	Chapter 20: Water Resources Table 5.2 - Securing Mitigation	Impact of leakage from Waterbeach pipeline to groundwater quality	Code of Construction Practice a- <u>R</u> requirement within the CoCP Part B in relation to a b approximately 210 metres from the pipeline, to maintai with the owner during construction and a requirement for supply to the property if required. These will be outlined non-derogation agreement will be entered into with the request.	n regular contact to maintain d in the CEMP. A towners at their	-Sections 3.4, CoCP Part B Commissioning Plan (Appendix 2.4 <u>2</u> , App Doc Ref 5.4.2.4 <u>2</u>) secured through a requirement of the draft DCO (Sections 3.4, CoCP Part B (Appendix 2.2, App Doc Ref 2.1 5.4.2.2)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP which includes measures to safeguard private supply Requirement 9 - CEMP to include detailed WQMP Requirement 9 - CEMP to include detailed PICP,
	apter 20: <u>Water</u> — Table 5 • prepare and implement •	an operational monitoring	ninor inflows of <u>Groundwater monitoring Resource</u>		Management of po	tential changes to groundwater throu
programme secu	ES Chapter 20 Water Resources Section 4.1	nt of the draft DCO (App Doc R pontamination from leaks from Lpara		outflow of waste-water from the TPS -	——of groundwater to detect ch	ange in water quality to trigger furth
	<u>4.1.105 (App Doc Ref</u> <u>ES Chapter 2 Project</u>		<u>5.2.20)</u>			
			ronmental management (App Doc Ref 5.2.2)			



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	<u>Chapter 20:</u>	Impact of spills	Environmental management system	<u>Operation</u>	The Environmental Permit will include conditions requiring
lesources<u>W-</u>R 5 T S	Water Resources Table 5.2 - Securing Mitigation	or leaks migrating in groundwater through the West Melbury Marly Chalk Formation to surface drains	Operation in accordance with environmental permit for the proposed WWTP including implementation of EMS which will include materials storage controls, spill control measures, emergency response procedures. <u>The</u> Operational Management Plan will include regular inspection and repair regime of all tanks and areas with potential for hydrocarbon contamination such as bunds around fuel tanks and -hardstanding.	ES Chapter 2 Project Description Section 5.1 Operation, Operational environmental management (App Doc Ref 5.2.2)	management systems to cover emergency responses and pollution prevention. Operational maintenance plan Preparation of an operational monitoring programme as part of the written EMS to cover periodic monitoring activities to accord with the requirements of the Environmental Permit.
		connected to the Black Ditch watercourse	Measures for continuous control of site activities during the -operation and maintenance of the proposed WWTP through operational procedures in relation to inspections and repair, asset condition assessment (such as checking the integrity of tanks, bunds and hard standing), materials storage controls, spill control measures, and emergency responses. Operational procedures will be developed further during the life of the Proposed Development from detailed design to the proposed assets going into full operation, in compliance with the relevant Environmental Permit for the Proposed further during the life of the Proposed Development from detailed design to the proposed assets going into full operation, in compliance with the relevant Environmental Permit for the Proposed assets going into full operation, in compliance with the relevant Environmental Permit for the Proposed Development from		
			Measures to minimise contamination through detailed surface		Detailed surface water drainage design will comply with the
			Drainage Strategy (Appendix 20.12, App Doc Ref 5.4.20.12). 7	nis includes the requirement for drainage to	Drainage Strategy (Appendix 20.12, App Doc Ref 5.4.20.12). This
			accord with requirements set out within The Environment Ag 2018 (Version 1.2 or whatever guidance is current at the time the detailed drainage design to:	gency's Approach to Groundwater Protection, Feb e of design) as well as the specific requirements for	Protection, Feb 2018
			2018 (Version 1.2 or whatever guidance is current at the time	e of design) as well as the specific requirements for	set out within The Environment Agency's Approach to Groundwat
			2018 (Version 1.2 or whatever guidance is current at the time the detailed drainage design to: provide a segregated drainage system for the proposed	e of design) as well as the specific requirements for HWWTP in areas of potential contamination within He surfaces within the land required for the	set out within The Environment Agency's Approach to Groundwat Protection, Feb 2018 (Version 1.2) secured through a requirement of the draft DCO (Ap
			2018 (Version 1.2 or whatever guidance is current at the time the detailed drainage design to: provide a segregated drainage system for the proposed the proposed WWTP. Detailed drainage design will determine the area of permeab	e of design) as well as the specific requirements for WWTP in areas of potential contamination within de surfaces within the land required for the bugh which infiltration could occur.	set out within The Environment Agency's Approach to Groundwat Protection, Feb 2018 (Version 1.2) secured through a requirement of the draft DCO (Ap Doc Ref 2.1)

Requirement 9 - CEMP to include detailed WQMP

<u>Kei 5.2.</u>

<u>DCO Schedule 2</u> <u>Requirement 22 – Operational Water Quality</u>

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W-16Chapter 20: WaterTable 5.2 - SecuringImpact of the Waterbeach transfer pipelinespills or leaksWaterResources Table 5.2 -migrating in groundwater

Securing Mitigation - river crossings to the River Cam water quality and flowthrough the West Melbury Marly Chalk Formation to surface drains connected to the Black Ditch watercourse

procedures in relation to inspections and repair, asset condition assessment (such as checking the integrity of tanks, bunds and hard standing), materials storage controls, spill control measures, and emergency responses. Operational procedures will be developed further during the life of the Proposed Development from detailed design to the proposed assets going into full operation, in compliance with the relevant Environmental Permit for the Proposed Development. Operational procedures will be developed further during the life of the Proposed Development from detailed design to the proposed assets going into full operation, in compliance with the relevant Environmental Permit for the Proposed Development.

Surface Water Drainage Design

Operation

Measures to minimise contamination through detailed surface water drainage design complying with the Drainage Strategy (Appendix 20.12, App Doc Ref 5.4.20.12). This includes the requirement for drainage to accord with requirements set out within The Environment Agency's Approach to Groundwater Protection, Feb 2018 (Version 1.2 or whatever guidance is current at the time of design) as well as the specific requirements for the detailed drainage design to: system for the proposed WWTP in areas of potential contamination within the proposed WWTP.

Detailed drainage determine the are surfaces within the the landscape mas construction in or operational manage the event water quattributed to oper drainage arrangen and proposed WW	a of permea e_land requi sterplan <u>, por</u> der to amen gement activ sality declin ational surfi sents - <u>acce</u>	red for st= d vities in e is ace water <u>ss road</u>	
infiltration could o		which	
Drainage Strategy		DCO Schedule 2	
(Appendix 20.12, A	App Doc	Requirement 7 -	<u> </u>
<u>Detailed</u>			
<u>Ref 5.4.20.12).</u>		<u>design</u>	
		DCO Schedule 2	
		Requirement 7	
		-Detailed	
		design	
-			
Operation	ES Chant	or 20.Wator	DCO Sche

<u>W-17</u>	<u>Chapter 20: Water</u> <u>Resources Table 5.2 -</u> <u>Securing Mitigation</u>	Impact of spills or leaks migrating in groundwater through the West Melbury Marly Chalk Formation to surface drains connected to the Black Ditch watercourse	Environmental monitoring – water Monitoring of water quality at Black Ditch, the northernmost land drain connecting to Black Ditch, the attenuate pond receiving discharge from the drainage network -and at available monitoring boreholes within the land required for the landscape masterplan post-construction in order to amend operational management activities in the event water quality decline is attributed to operational surface water drainage arrangements	<u>Operation</u>	ES Chapter 20:Water Resources Section 4 (App Doc Ref 5.2.20) ES Chapter 2 Project Description Section 5.1 Operation, Operational environmental management (App Doc Ref 5.2.2)	DCO Schedule 2 Requirement 22 - Operational Wate Monitoring Plan
<u>W-18</u>	Chapter 20: Water	Impact of the Waterbeach	Code of Construction Practice		4.4.4, Section 5.14	the use of the use
	Resources Table 5.2 -	transfer pipeline river			(Watercourses and	trenchless technic
			Management of construction activities as described within the CoCP Part		drainage), 7.5 (Water	install structures
	Securing Mitigation	crossings to the River Cam			resources and flood risk)	river-bed <u>Requirer</u>
			A and B -(Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular		within Code of Construction	<u>CEMP to include o</u>
		water quality and flow			Practice (CoCP) Part A	WQMP and detail
			Part A section -4.4 -which requires the Principal Contractor(s) to produce		(Appendix 2.1, App Doc Ref 5.4.2.1)	
			a Water Quality Management Plan(s), Pollution Incident Control Plan,		<u>5.4.2.1)</u>	
			and risk assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will include			
			the requirement to implement the following measures in relation to		Sections 3.4, CoCP Part B	
			river crossings:		(Appendix 2.2, App Doc Ref	
			-		5.4.2.2)	
			 Management of river crossings through the siting of 	DCO Schedule 2	_	
			launch and recovery pits associated with trenchless	Requirement 8 CoCF	-	
			construction methods are located a minimum of 8m from top of	DCO Schedule 2		
Constructio	ion Sections 4.4/CEN		bank or existing defence whichever is applicable.	Requirement 9 CEM	Р	
Constructio	ion Sections 4.4 (CEN	<u>VIP) Pala</u>		nequirement 9 CEIVI	<u>.</u>	



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<u>Requirement 15 -</u> <u>Drainage</u>

> <u>2</u> 2 – ater Quality <u>n</u>

e of niques to is below the rement 9 e detailed cailed PICP



of wet testing of Commissioning Management

Management of commissioning

activities through application of

Securing Mitigation

Resources Table 5.2 - tanks and

<u>Plan</u>

pipes within

by numberPhase Reference document locationSecuring mechanism

Chapter 20: Water Resources	Table 5.2 - Securing Mitigation	Impact of wet testing of within proposed WWTP quality.		of trenchless techniques to install structures below the Part A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2. particular Part A section 4.4 which requires the Prin	1, 5.4.2.2) in	Sections-7.5, CoCP Part A (Apper through a requirement of the dr	1 S S S S S S S S S S S S S S S S S S S
<u>W-19</u>	<u>Chapter 20: Water</u> <u>Resources Table 5.2 -</u> <u>Securing Mitigation</u>	Impact of wet testing of tanks and pipes within proposed WWTP on groundwater quality.	A and B -{Appen Part A section -4 Water Quality M risk assessments appended to or the requirement pollution preven followir /comple check for testing require comple within t measur as use o provisio require	construction activities as described within the CoCP Part dix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular .4which requires the Principal Contractor(s) to produce lanagement Plan(s), Pollution Incident Control Plan, and a before works commence on site. The plans will be incorporated into the CEMP(s). These plans will include to implement best practice measures in relation to ation and the protection of groundwater including: ang industry standards in relation to testing activities etion of visual inspections of equipment under test to or signs of structural deficiency prior to commencement activities ment for refuelling of machinery used in testing to be ted within designated areas (unless expressly stated the CEMPs) where spillage can be more easily contained res applied for the management of leaks and spillages sure of drip trays under construction plant and equipment, on of spill kits ment for emergency response measures to be in place ag stopping works, training of staff, use of spill response tent	<u>a</u> of <u>ch</u>	Sections 4.4 (CEMP) Para 4.4.4, and 7.5 (Water resources and flood risk) within Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1)= Sections 3.3, CoCP Part B (Appendix 2.2, App Doc Ref 5.4.2.2) secured through	DCO Schedule a Requirement 8 Requirement 9 include detailed detailed PICP
				contractors to prepare a Commissioning Plan (secure			
					<u>W-20</u> Ch	apter 20: Water Impact	

love eu anglia	ery drop	
oc Ref 5.4.21 oc Ref 2.1). <u>e a2 r</u> <u>t 8 CoCP</u> <u>t 9 - CEMP to</u> iled WQMP a	' ured	
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	1) to - 5.4.2.4).	
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<u>W</u> T <u>P</u> <u>o</u> <u>n</u> <u>m</u> e а S <u>u</u> r e <u>S</u> W i <u>t</u> <u>h</u> į <u>n</u>



		groundwater quality.	Ref 5.4.2.5) and the CoCP Part A, Section 4.4 (Construction Environment Section 7.5 CoCP Part A <u>Management Plan</u>), and Section 7.5 (Water Resources and Flood Risk) (Appendix 2.1, App Doc Ref 5.4.2.1) which requires that the contractors to prepare a Commissioning Plan (secured through a-requirements of the draft DCO (App Doc Ref 2.1) in the DCO), which will collectively secure deliver appropriate mitigation of the wet commissioning activities. Approval and implementation of a			
<u>Constructi</u>	ion Sections 4.4 (CEN		CEMP secured through a requirement of the draft DCO (App Doc Ref 2.1). esources and flood risk) within Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1)			
		D Dart D Commissioning Dian (A)	ppendix 2. 2 4, App Doc Ref 5.4.2. 2 4). secured through			
DCO Schee						
<u>DCO Scher</u> <u>W-21</u>		Impact to fluvial flood risk due to construction of the outfall	Code of Construction Practice The management of water resources and flood risk as set out within Section 7.5 of the CoCP Part A, Water resources and flood risk, which sets out a framework for the control of flood risk during construction, identifying a number of 'standard' mitigation measures which will be implemented whilst construction work takes place. These will be reflected in an appended plan to/as part of the CEMP. This will include the following:	Construction	Sections 4.4 (CEMP) Para 4.4.4, Section 5.13 (River work), 7.5 (Water resources and flood risk) within Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref 5.4.2.1) ES Chapter 2 Project	Environ (Flood R &Water case of o within a Stateme Environ



nmental Permit Risk Activities er Discharge) or in dewatering working a Regulatory Position tent issued by the thent Agency

ement 9 - CEMP to detailed WQMP and



<u>Requireme</u>	nt 9 - CEMP to include detailed WQM	IP and detailed PICP		
		<u>•</u>	the timing of river works in summer months	Section 3 COCP Part B
		<u>•</u>	requirement for a flood management plan for construction works within areas at risk of flooding	(Appendix 2.1, App Doc Ref 5.4.2.2)
		<u>•</u>	requirement to secure or relocation loose items within compounds, laydown or storage areas within flood zone 2 and 3 to prevent them becoming a debris hazard in a flood event or where practical removed from the flood zone if high rainfall within the catchment is predicted	
		<u>•</u>	requirement for the Principal Contractor(s) to consult with the Environment Agency, IDB, Lead Local Flood Authority and any other relevant risk management authorities in respect of the flood risks in the preparation of the Emergency Preparedness Plan and Pollution Incident Control Plan. This will include use of the Environment Agency's Floodline flood warning service for works within areas at risk of flooding.	
			ng of construction activities Section3.1 of the CoCP Part B in	
			on to completion of in river works in summer months when water	
W-22	Chapter 20: <u>Water</u>	leveis	s are expected to be lower tion dewatering of open cut trenches during Waterbeach r	aipeline
	Resources		installation	
	Table 5.2 - Securing Mitigation			
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			requirements in the DCO), which will collectively secure deliver	
			appropriate mitigation of the wet commissioning activities.	
Chapter 20:	Table 5.2 - Securing	Impact to fluvial flood risk due to construction	The management of water resources and flood risk as set out within	Sections 5.13 and 7.5, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)
Water Resources	Mitigation	of the outfall	Section 7.5 of the CoCP Part A, Water resources and flood risk, which	secured through a requirement of the draft DCO (App Doc Ref 2.1).
			sets out a framework for the control of flood risk during construction,	Phasing of construction activities Section 3.1 of the CoCP Part B in relat
			identifying a number of 'standard' mitigation measures which will be	to completion of in river works in summer months when water levels a
			implemented whilst construction work takes place. These will be	expected to be lower-secured through a requirement of the draft DCO
			reflected in an appended plan to/as part of the CEMP. This will include	(Appendix 2.2, App Doc Ref 5.4.2.2).
			the following:	(
			 requirement to minimise construction period (for river works) 	Conditions set out within a Flood Risk activity permit required for
			requirement for the cofferdam to be designed to maintain the	construction activities carried out within 8m of a main river.
			flood protection levels currently provided by the riverbank.	
			 the timing of river works in summer months 	
			 requirement for a flood management plan for construction works 	
			within areas at risk of flooding	
			requirement to secure or relocation loose items within compounds,	
			laydown or storage areas within flood zone 2 and 3 to prevent	
			them becoming a debris hazard in a flood event or where practical	
			removed from the flood zone if high rainfall within the catchment is	
			predicted	
			 requirement for the Principal Contractor(s) to consult with the 	
			Environment Agency, IDB, Lead Local Flood Authority and any other	
			relevant risk management authorities in respect of the flood risks in	
			the preparation of the Emergency Preparedness Plan and Pollution	
			Incident Control Plan. This will include use of the Environment	
			Agency's Floodline flood warning service for works within areas at	
			risk of flooding.	
•	t of construction	Waterbeach pipeline		Control of
activities as desc	cribed within the		y Management Plan(s), Pollution Incident Control Plan, and risk	Pollution (Oil
1	CoCP Part		e on site. The plans will be appended to or incorporated into the	<u>Storage</u>)
dewatering of open-			plans will include the requirement to implement best practice	(England)
A and B -(Apper		measures includi	ng:	Regulations
App Doc Ref 5.4.2		▲●The app	lication of measures to prevent run-off from construction on the	<u>2001 and</u>
	particular	landslid	e draining to the cofferdam such as the use of cut off drains,	Dangerous
trenches during sect		avoidin	g vegetation removal right up to the bank, minimising the areas at	Substances
	requi	the ban	k that are disturbed/cleared, avoiding stockpiling of material close	and Evaluation
	res	to the b	anks, use of silt fencing or coir rolls on gentle slops installed at	<u>Explosive</u>
	the	levelled	contours to control runoff	<u>Atmosphere</u>
	Princ ipal	Manage	ement of dewatering activities in accordance with Environment	≅ <u>Regulations</u>
	•		specifications including treating dewatering effluent prior to	<u>2002.</u>
	Cont racto	÷ ,	ge and control of dewatering discharge rates to prevent scour.	<u>2002.</u>
		uschar	ge and control of dewatering discharge rates to prevent scour.	<u>Requirement</u>
	r(s) to		es applied for the management of leaks and spillages such as use	for refuelling
	prod	<u>of drip t</u>	trays and provision of spill kits	<u>of machinery</u>
				<u>to be</u>
	•	Require	ment for the safe storage and handling of potentially	
	uce a		ment for the safe storage and handling of potentially inating materials including fuels and oils in accordance with the	undertaken
	•		ment for the safe storage and handling of potentially inating materials including fuels and oils in accordance with the	



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Sections 3.4 CoCP Part B

5.4.2.2) secured through a

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DCO (App Doc Ref 2.1).

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(Appendix 2.2App Doc Ref

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<u>t</u>	the CEMPs) where spillage can be more easily contained Construction
а	Sections 4.4 (CEMP) Para
t	Sections 5.14, 4.4.4, Section 5.14 (Watercourses and drainage), 7.5 (Water resources and
e	flood risk) within Code of Construction Practice (CoCP) Part A
d	(Appendix 2.1, App Doc Ref
W	5.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1).
i	
t	
h	Approval and implementation of a Construction Environmental Management Plan secured through a requirement
į	the second se
<u>n</u>	of the draft DCO (App Doc Ref 2.1).
	<u>• M</u>

DCO Schedule 2 Requirement 9 CEMP <u>Requirement</u> <u>9 - CEMP to</u>

<u>include</u> <u>detailed</u> WQMP and detailed PICP

Requirement 8 CoCP

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W- Chapter Impact to		Inserted Cells
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Resources abstractions Table 5.2 due to		Inserted Cells
Table 5.2 dewatering		Inserted Cells
- Securing <u>of open-cut</u> <u>Mitigation</u> <u>trenches</u>		
during		
Waterbeach		Explosive Atmospheres Regulations 2002.
pipeline		 Requirement for refuelling of machinery to be undertake within designated areas (unless expressly stated within the stated wi
installation		CEMPs) where spillage can be more easily contained
		Inserted Cells
		grounawater through:
Code of Construction Practice		
 Robust design, A requirement within the CoCP Part B in relation to a borehole apprendict of the second secon	proximately 210	metres from the pipeline, to maintain regular contact -with the
which will mitigate against pipeline leakage during operation	CEMP	
a requirement to maintain supply to the property if required. These will be outlined in the	CEIVIP.	
		nent within the CoCP Part B in relation to a borehole
		ately 210 metres from the pipeline, to maintain regular
		vith the owner during construction and a requirement to Supply to the property if required. These will be outlined in the
		ion-derogation agreement will be entered into with the
	owners at	their request
A non-derogation agreement will be entered into with the owners at their request		
Chapter 20: Water Table 5.2 Securing Impact to groundwater		Р
Code of Construction Practice		r
Resources quality due to		i
Water Resources Mitigation construction of interception Shaft 1 and intermediate Shafts		n
2 and 3. Management of construction activities as described within the CoCD Part		C
Management of construction activities as described within the CoCP Part of interception Shaft 1 and		p
A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular		a
intermediate Shafts 2 and 3. section 4.4 which		I
requires the	·	С



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he owner during construction and pressure testing of the Waterbeach

Sections 3.4 CoCP Part B (Appendix 2.2, App Doc Ref 5.4.2.2) securi through a requirement of the draft DCO (App Doc Ref 2.1). No derogation agreement

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Water Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will include the requirement to implement best practice measures including:

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manage ment of dewater ing activitie S associat ed with shaft construc tion in accorda nce with Environ ment Agency specifica tions includin g control of dewater ing rates. Best practice

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scribed within the CoCP Part A and B -(Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 -which requires the Principal Contractor(s) to produce a Water Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will include the requirement to implement best practice measures in relation to the prevention of impacts to controlled waters as -(as Sections 7.5, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environmental

e m Conditions set out within an Environmental Permit that may be required in relation to dewatering activities associated with the construction of intermediate shafts. Sections 7.5 CoCP Part A, Water Resources and Flood Risk, Dewatering (Appendix 2.1, App Doc Ref 5.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1).

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Approval of the construction risk assessment and method statement associated with the detailed design and construction approach for the shafts as secured through applicable Environmental Permit (Abstraction).



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 requirement for refuelling of machinery to be undertaken within designated areas (unless expressly stated within the CEMPs) where spillage can be more easily contained emergency response measures including stopping works, training of staff, use of spill response equipment Construction Sections 4.4 (CEMP) Para 4.4.4, Section 5.14 (Watercourses and drainage), 7.5 (Water resources and flood risk) within Code of Construction Practice (CoCP) Part A (Appendix 2.1, App Doc Ref <u>5.4.2.1)</u> Sections 3.4 CoCP Part B (Appendix 2.2App Doc Ref

<u>5.4.2.2)</u>



DCO Schedule 2 Requirement 8 CoCP

DCO Schedule 2

management of dewatering to meet requirements of the Requirement 9 CEMP

Environmental Permit required for dewatering including ۰ setting the rates and duration of dewatering activity to be informed by the detailed construction methods.

(Flood Risk Activities & Water Discharge) or in case of dewatering working within a Regulatory Position Statement issued by the Environment Agency

Environmental Permit (Abstraction)

Requirement 9 - CEMP to include detailed WQMP and detailed PICP

Chapter 20:	Table 5.2 - Securing	Impact to groundwater (Managem
Water Resources	Mitigation	accidental wastewater s		Part A (Ap
		of the transfer tunnel to	the existing Riverside	which requ
		tunnel.		Managem
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				appended
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				Section 10
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				of st i
			requireme	nt for refuel
			<u>designated</u>	d areas (unle
			where spil	lage can be r
			• emergency	/ response m
				staff, use of
			• manageme	ent of dewat
				ental Permit
				ind duration
			the detaile	ed constructi



nent of construction activities as described within the CoCP Appendix 2.1, App Doc Ref 5.4.2.1) in particular section 4.4 Auires the Principal Contractor(s) to produce a Water Quality	Sectic 2.1, A (App
nent Plan(s), Pollution Incident Control Plan, and risk nts before works commence on site. The plans will be I to or incorporated into the CEMP(s). These plans will include rement to implement best practice measures in relation to the n of impacts to controlled waters as (as defined within in 04 (1) of the Water Resources Act 1991 and Section 30A (d) of ol of Pollution Act 1974') including:	Appro Mana Doc F

 emergency response measures including stopping works, training of staff, use of spill response equipment

or refuelling of machinery to be undertaken within as (unless expressly stated within the CEMPs) can be more easily contained

ponse measures including stopping works, f, use of spill response equipment

of dewatering to meet requirements of the Permit required for dewatering including setting duration of dewatering activity to be informed by instruction methods.

n of impact

Mitigation measure

	witigation measure	ecureu by number Pilase	Reference document_	ionsecuring mechanism		
			<u>Chapter 20: Wate</u> <u>Resources</u> <u>Table 5.2 - Securi</u> <u>Mitigation</u>	quality in the event of	Code of Construction Prace Management of construct A – (Appendix 2.1, App Dove requires the Principal Cone Management Plan(s), Poll assessments before works appended to or incorpora the requirement to implete prevention of impacts to of Section 104 (1) of the Wate the Control of Pollution Act response measures include response equipment	tion activities as descr c Ref 5.4.2.1) in partic tractor(s) to produce ution Incident Control s commence on site. T ted into the CEMP(s). ment best practice me controlled waters as -(ter Resources Act 199 ct 1974'-) including:
			<u>W-24</u>			
	Chapter 20: <u>Water</u> <u>Resources</u>			perational limits and monitoring obliga relation to materials storage controls,		discharge to Black op
	<u>Acsources</u>			vironmental PermitDitch, due to surfa		and emergency respor
		arge to Black Ditch, due to off from hard surfaces within (TP leaks and spills in operation ^T site activities during the -oper TP through operational proced cion assessment (such as check	O The Environmental Permit will inc p within the proposed WWTP D E ration and lures in relation to king the integrity of	perational lude conditions requiring management rocedures will be developed further du ollution prevention. evelopment from detailed design to th nvironmental Permit for	r <u>unoff from hard surfaces</u> Iring the life of the Proposed	systems to cover eme
	W-25Chapter 20: Water ResourcesImpact to groundwater abstractions due to dewatering of open-cut trenches during Waterbeach pipeline installation	measures within the Drai 5.4.20.12) (secured throu design requirements for s avoid or minimise impact WWTP:	to surface water through application inage Strategy (Appendix 20.12, Application ugh requirements in the DCO), which surface water drainage including m ts to surface water run-off from the stopport of the surface susting the susting the surface s	on of design p Doc Ref h sets out easures to proposed	<u>Drainage Strategy</u> (<u>Appendix 20.12, App Doc</u> <u>Ref 5.4.20.12).</u>	DCO Schedule 2 Requirement 7 - Dr design DCO Schedule 2 Requirement 7 -De design DCO Schedule 2 Requirement 15 - I
-			Management of impacts to surface water through application of design			

Secured by number Phase Reference document location Securing mechanism





	Construction
	<u>Construction</u>
ctivities as described within the CoCP Part	
5.4.2.1) in particular section 4.4 -which	
or(s) to produce a Water Quality	
Incident Control Plan, and risk	
mence on site. The plans will be	
to the CEMP(s). These plans will include	
best practice measures in relation to the	
olled waters as -(as defined within in	
sources Act 1991 and Section 30A (d) of	
<u>4'-) including: emergency</u>	
opping works, training of staff, use of spill	

arge to Black operational procedures

mergency response procedures.

ms to cover emergency responses and

peration, in compliance with the relevant

measu	res within the		
Drainage Strategy			
(Appendix 20.12, App			
Doc Re	f 5.4.20.12)		
(secure	ed through		
require	ements in the		
DCO), '	which sets out		
	design		
	requirements		
Detailed	for surface		
Detailed	water		
	drainage		
	including		
<u>Detailed</u>	measures to		
	Detailed		
	surface water		
- Drainage	drainage		
Druinage	design will		
	comply with		
the Dri	ainage		
<u>Strate</u>	3y (Appendix		
20.12,	App Doc Ref		
5.4.20	.12). This		

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Prac
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5.4.2

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<u>Operation</u>	ES Chapter 2 Pro		set out within The ermit vironmental management (App Doc Ref Inclusion of segregated drainage system in areas of potential contamination with the proposed WWTP required by the surface water drainage strategy		<u>5.2.2)</u>	±
<u>W-26</u>	Chapter 20: Water Resources Table 5.2 - Securing Mitigation	Impact to superficial and bedrock groundwater Water Resources Mitigation flows and levels, due to dewatering of open-cut trenches during the FE and Storm Pipeline installation	 Code of Construction Practice Management of construction activities as described within the CoCP Part A and B -{Appendix 2.1 & 2.2, Application Document Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 -which requires the Principal Contractor(s) to produce a Water Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will include the requirement to implement best practice measures including: Minimising run-off and the risk of runoff reaching ditches and watercourses such as through the siting of launch and recovery pits associated with trenchless construction methods to be located a minimum of 8m from top of bank The application of measures to prevent run-off from construction such as the use of cut off drains, avoiding vegetation removal right up to the banks of watercourses, minimising the areas of land that are disturbed/cleared, avoiding stockpiling of material close to the banks of watercourses, use of silt fencing or coir rolls on gentle slops installed at levelled contours to control runoff. Management of dewatering to meet requirements of the Environment Agency regulatory position statement (RPS) Temporary dewatering from excavations to surface water' or Environmental Permit, whichever applies to the activity. Including treating dewatering effluent prior to discharge and control of dewatering discharges to prevent scour. Measures applied for the management of leaks and spillages such as use of drip trays and provision of spill kits. Requirement for the safe storage and handling of potentially contaminating materials including fuels and oils in accordance with the Control of Pollution (Oil Storage) (England) Regulations 2001 and Dangerous Substances and Explosive Atmospheres Regulations 2002. Requirement for refuelling of machinery to be undertaken within designated areas (unless expressly stated withi	Construction	Sections 4.4 Construction Environment Management Plan, Section 7.5 Water resources and flood risk (dewatering) and 5.7, Pollution Incident Control Plan, (Appendix 2.1, App Doc Ref 5.4.2.1)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP



nment ('s Approach undwater tion, Feb 2018



<u>W-27</u>	<u>Chapter 20: Water</u> <u>Resources</u> <u>Table 5.2 - Securing</u> <u>Mitigation</u>	Impacts of spillages of potentially contaminating materials used in construction, and the potential for constructionrelated turbidity, giving rise to contamination of groundwater.	Code of Construction Practice Management of construction activities as described within the Co A and B (Appendix 2.1 & 2.2, App Doc Ref 5.4.2.1, 5.4.2.2) in partial section 4.4 which requires the Principal Contractor(s) to produce a Quality Management Plan(s), Pollution Incident Control Plan, and assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will in the requirement to implement best practice measures in relation prevention of impacts to controlled waters (as defined within in S	<u>cular</u> a Water risk <u>clude</u> <u>to the</u>	Sections 4.4 (CEMP) para 4.4.4, , 7.5 (Water resources and flood risk, dewatering, management of silt during construction), and 5.7 (Pollution Incident Control Plan) CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1)	DCO Schedule 2 Requirement 8 CoCP Requirement 9 - CEMP to include detailed WQMP and detailed PICP
			avoid or minimise impacts to surface water r WWTP: Design of access road drainage to in drainage features		(Version 1.2) secured through a 2.1)	requirement of the draft DCO (Ap
			 Inclusion of segregated drainage sy contamination with the proposed N surface water drainage strategy 			
			Water Resources	Mitigation flows	Management of construction ac	tivities as described within the Co(
			 Control of Pollution Act 1974') including: The application of measures to prevent run-off from construction such as the use of cut off drains, avoidi vegetation removal right up to the banks of waterco minimising the areas of land that are disturbed/clear stockpiling of material close to the banks of waterco silt fencing or coir rolls on gentle slops installed at le contours to control runoff. Management of dewatering activities in accordance. Environment Agency specifications including treating effluent prior to discharge and control of dewatering rates to prevent scour. Measures applied for the management of leaks and such as use of drip trays and provision of spill kits Requirement for the safe storage and handling of por contaminating materials including fuels and oils in arwith the Control of Pollution (Oil Storage) (England) 2001 and Dangerous Substances and Explosive Atmore Regulations 2002. 	ng urses, red, avoiding urses, use of welled with g dewatering g discharge spillages ptentially ccordance Regulations pspheres		
			within designated areas (unless expressly stated with			
			CEMPs) where spillage can be more easily contained			
V-28	Chapter 20: <u>Water</u>		Table 5.2 - Securing	and levels, due to dewatering of opencut trenches during the FE and Storm Pipeline installation	5.4.2.2) in particular section 4.4 Contractor(s) to produce a Wate	



p Doc Ref



commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will include the requirement to implement best practice measures including:

- Minimising run-off and the risk of runoff reaching ditches and watercourses such as through the siting of launch and recovery pits associated with trenchless construction methods to be located a minimum of 8m from top of bank
- The application of measures to prevent run-off from construction such as the use of cut off drains, avoiding vegetation removal right up to the banks of watercourses, minimising the areas of land that are disturbed/cleared, avoiding stockpiling of material close to the banks of watercourses, use of silt fencing or coir rolls on gentle slops installed at levelled contours to control-runoff.
- Management of dewatering to meet requirements of the Environment Agency regulatory position statement (RPS) 'Temporary dewatering from Pre Construction ES Chapter 2

<u>Project</u>

Description Section 5.1 Construction **Operation**, **Operational Operation** environmental management (App Doc Ref <u>5.2.2)</u>

DCO Schedule 2

Requirement 8 CoCP

Requirement 9 -

CEMP to include detailed WQMP and detailed PICP

DCO Schedule 2

Requirement for refuelling of machinery to be undertaken within designated areas (unless expressly stated within the CEMPs) where spillage can be more easily contained Require <u>ment 22 –</u> **Operational**

Water Quality

excavations to surface water' or Environmental Permit. whichever applies to the activity. Including treating dewatering effluent prior to discharge and control of dewatering discharges to prevent scour

 Measures applied for the management of leaks and spillages such as use of drip trays and provision of spill kite

Mitigation

Requirement for the safe storage and handling Impacts of spillages of potentially contaminating materials including fuels and oils in accordance with the Control of Pollution (Oil Storage) (England) Regulations 2001 and Dangerous Substances and Explosive Atmospheres Regulations 2002. used in construction, and the potential for constructionrelated turbidity, giving rise to contamination of groundwater.

Groundwater monitoring

Sections 4.4 Monitoring of water quality at available monitoring boreholes within the land required for the landscape masterplan <u>Cpost-construction</u> <u>Environmentin order to amend operational</u> Mmanagement Plan, Section 7.5-activities in the event water quality decline is attributed to operational surface water drainage arrangements

Water resources and flood risk (dewatering) and 5.7, Pollution Incider Control Plan, (Appendix 2.1, App Doc Ref 5.4.2.1) secured Requiremen for operational management and monitoring plans to include specific provision for water quality monitoring at the specified locations through a requirement of the draft DCO (App Doc Ref 2.1).





Chapter 20: Water Resources <u>W-</u> 29	Chapter 20: Water Resources Table 5.2 - Securing Mitigation	Impacts of to surface water quality from spillages of potentially contaminating materials used in construction, and the potential for construction related turbidity, giving rise to contamination of groundwatercontaminants and from discharges of silt-laden water from dewatering activities.	Construction Practice Construction activities as described within the CoCP Part A and B -(Appendix 2.1 & 2.2,-App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 which requires the Principal Contractor(s) to produce a Water Quality Management Plan(s), Pollution Incident Control Plan, and risk assessments before works commence on site. The plans will be appended to or incorporated into the CEMP(s). These plans will include the requirement to implement best practice measures in relation to the prevention of impacts to controlled waters (as defined within in Section 104 (1) of the Water Resources Act 1991 and Section 30A (d) of the Control of Pollution Act 1974'-) including:	Environment Management Plan, Section(CEMP) para 4.4.4, , 7.5 (Water resources and flood risk, (dewatering, management of silt during construction), and 5.7, (Pollution Incident Control Plan;) CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) secured through a requirement of the draft DCO (App Doc Ref 2.1). Approval and implementation of a Construction Environmental Management Plan secured through	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP Requirement 9 - CEMP to include detailed WQMP and detailed PICP
			 avoiding stockpiling of material close to the banks of watercourses, use of silt fencing or coir rolls on gentle slops installed at levelled contours to control runoff. Management of dewatering activities in accordance with Environment Agency specifications including treating dewatering effluent prior to discharge and control of dewatering discharge rates to prevent scour. Measures applied for the management of leaks and spillages such as use of drip trays and provision of spill kits Requirement for the safe storage and handling of potentially contaminating materials including fuels and oils in accordance with the Control of Pollution (Oil Storage) (England) Regulations 2001 and Dangerous Substances and Explosive Atmospheres Regulations 2002. 	а requirement of the draft DCO (Арр Doc Ref 2.1).	
		•	Requirement for refuelling of machinery to be undertaken within designated areas (unless expressly stated within the CEMPs) where spillage can be more easily contained Monitoring of water quality at available monitoring boreholes within the land required for the landscape masterplan post-construction in order to amend operational management activities in the event water quality decline is attrik to operational surface water drainage arrangements .	include specific provision for water	quality monitoring at the
Chapter 20: Water Resources	Table 5.2 - Securing Mitigation	Impacts to surface water quality from spillages of contaminants and from discharges of siltladen water from	Management of construction activities as described within the CoCP Part A a (Appendix 2.1 & 2.2App Doc Ref 5.4.2.1, 5.4.2.2) in particular section 4.4 wh requires the Principal Contractor(s) to produce a Water Quality Management	ch 7.5 Water resources and flood risk (dewatering, management of

Resources Mitigation discharges of siltladen water from dewatering activities.

requires the Principal Contractor(s) to produce a Water Quality Management Plan(s), Pollution Incident

during construction) and 5.7, Pollution Incident Control Plan, CoCP Part A (Appendix 2.1App Doc Ref 5.4.2.1) secured through a requirement of the



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 The application of measures to prevent run-off from 	
construction such as the use of cut off drains, avoiding	
vegetation removal right up to the banks of watercourses,	ental
minimising the areas of land that are disturbed/cleared,	l raft D
avoiding stockpiling of material close to the banks of	
watercourses, use of silt fencing or coir rolls on gentle slops	
installed at levelled contours to control runoff.	
<u>Requirement for the safe storage and handling of potentially</u>	
contaminating materials including fuels and oils in accordance	
with the Control of Pollution (Oil Storage) (England) Regulations	
2001 and Dangerous Substances and Explosive Atmospheres	
Regulations 2002.	
 Requirement for refuelling of machinery to be undertaken 	
within designated areas (unless expressly stated within the	
CEMPs) where spillage can be more easily contained	
<u>Requirement to have in place emergency response measures</u>	
including stopping works, training of staff, use of spill response	
equipment	
The application of measures to prevent run-off from	
construction such as the use of cut off drains, avoiding	
vegetation removal right up to the banks of watercourses,	
minimising the areas of land that are disturbed/cleared,	
avoiding stockpiling of material close to the banks of	
watercourses, use of silt fencing or coir rolls on gentle slops	
installed at levelled contours to control runoff.	
measures including stopping works, training of staff, use	
of spill response equipment	
 The application of measures to prevent run-off from construction such as the use of cut off drains, avoiding 	
vegetation removal right up to the banks of	
watercourses minimising the areas of land that are	

watercourses, minimising the areas of land that are disturbed/cleared, avoiding stockpiling of material close to the banks of watercourses, use of silt fencing or coir rolls on gentle slops installed at levelled contours to

control runoff.

W-30	Chapter 20: <u>Water</u>			Impacts to water quality in	Code of Construction Practice	Waterbeach pipelines due	(Drilling Fluid
		Resources			Construction Sections 4.4 (CEMP)		A and B (Appendix 2.1 & 2.2, App
			Table 5.2 - Securing	para			Document Ref 5.4.2.1,
		Mitigation	Table 5.2 - Securing	watercourses close to the	4.4.4, 7.4 (Land Quality		5.4.2.2)
		Mitigation		Water Resources Mitigation	to the Waterbeach pipelines due to	to discharge of fluids used	(Water resou
				discharge			in particular section 4.4 which re
					of fluids used for		Principal
					pipeline testing		Contractor(s) to
					Management of construction activities as	for pipeline testing	ris
					described within the CoCP Part		

drop	
О (Арр	
<mark>luid Breakout)),7.</mark> Application	5
esources and floon requires the	4

risk, dewatering



produce a Water Quality Management Plan(s), Polluti		W	÷
	<u>ement of silt during</u>	i	<u>1</u>
Plan, and risk assessments before works		t	Ì
site. The plans <u>construction), and 5.7</u> , will b		h	Environment Age
or incorporated into the CEMP(s). These p	lans will		including Sections 4.
		<u><u>2</u></u>	Environment Manag
Pollution Incident Control include the requ		±	Sections 7.4, Land Q
implement best practice measures includi		<u>1</u>	Fluid Breakout),Sect
	oCP Part A (Appendix	Ł	resources and flood-
<u>•</u> Ma		A	management of silt of
nag		<u>p</u>	construction) and 5.
em		p	Incident Control Plan
ent		 D	(Appendix 2.1, App E
of		0	and secured through
dew		=	the draft DCO (App I
ater		≚ R	
ing		<u>11</u>	The Environmental Permit will include conditions requiring m
acti		£	systems to cover emergency responses and pollution prevent
vitie			systems to cover emergency responses and pollution prevent
s in		<u>5</u>	
acc		÷	Approval of the construction risk assessment and method sta
		4	associated with the detailed design and construction approace
ord		÷	
anc		<u>2</u>	
e	t suiss to dischases a	- d t f	
t	t prior to discharge a	nd control of	
r			_dewatering discharge
e	rates to prevent scou	r.	
а			
t		potential impacts associated with the disposal of	pipeline
i	testing fluids will be t	hrough:	
n	• A requirement within	the CoCP Part B for the use of clean water will be	a used for
g		prine will be removed prior to discharge according	
		ental Permit conditions	, to
d	associated Environme	ental Permit conditions	
e	Disposal to watercour	rse at controlled rates and locations as agreed wit	th the
W		and set out within conditions of the required Env	
а	Permit		
t <u>DCO Schedule 2</u>			
e <u>Requirement 8 CoCP</u>			
r			
DCO Schedule 2			
Requirement 9 CEMP			
n	o include detailed WQMP and detailed		
e			
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t			
I			
u			
e			



ency specifications .4 Construction gement Plan, quality (Drilling sion 7.5 Water -risk (dewatering, during .7, Pollution n CoCP Part A Doc Ref 5.4.2.1

h a requirement of Doc Ref 2.1).

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Chapter<u>Ref</u> mechanism	MitigationSource	Description of impact	Mitigation measure Sec	Sured by number<u>P</u>	hase Reference document
			 Clean water will be used for pressure testing. Chlorine will be removed prior to discharge according to Environment Agency permit conditions. 	1	
Chapter 20:	Chapter 20: Water	Reduction in groundwater		E Inserted Ce	ells
Resources <u>W-</u>	Resources Table 5.2 - Securing Mitigation	and surface water flows and levels due to dewatering in the West Melbury Marly Chalk Formation during dewatering associated with the construction of below- ground structures and foundations, plus associated groundwater impact on nature conservation sites.		Inserted Ce	Environment Management Plan, Section(CEMP) para 4.4.4, 7.5 (Water resources and flood risk (dewatering, management of silt during construction)), and 5.7, Pollution Incident Control Plan, CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) and Section 3 of CoCP Part B (Appendix 2.2, App Doc Ref 5.4.2.2) secured through a requirement of the draft DCO
			Provision of Water Supply		(App Doc Ref 2.1).
			Provision of water Supply Impacts to groundwater levels and surface water flows will be mana through the implementation of measures to maintain supply as request by agreement to be made with the owner of the private groundwate sourceConstruction Code of Practice - Environmental monitoring Monitoring of water levels in available monitoring boreholes within land required for the landscape masterplan and at Black Ditch, Allick Farm Pond CSW, and The Cut water body within Quy Fen SSSI pre, during and post-construction in order to inform management responshould monitoring indicate a reduction in water levels as a result of dewatering. Management responses may include but not be limited to reducing ceasing dewatering or amending dewatering points and would be age through consultation with the Environment Agency	uired er the cy nse dr	Approval and implementation of a Construction Environmental Management Plan secured through a requirement of the draft DCO (App Doc Ref 2.1). Requirement water level management and monitoring plans to include specific provision for the specified locations through a requirement of the draf DCO (App Doc Ref 2.1)
W-32 The impact of t discharge Water Resource (comprising fin stormwater	-	flows) from the proposed outfall on River Cam hydromorphology <u>Outfall Design</u> Design measures to prevent minimise scour and impacts from <u>Preparation of</u> accepted Outfall design and construction method	 Imits which are to be similar to those from the existing accord with the requirements of the Environmental F 	m volume ——— phitoring activities ng outfall; to Permit (Flood Risk	Activities). design of st regulatory requirements; inclusion of capacity within t changes in relation to storm <u>Operation ES Chapter 2 Pro</u> <u>Description Secti</u> <u>The Outfall 2 (Ap</u>



1	Requirement 8 CoCP	
<u> </u> 	DCO Schedule 2 Requirement 9 CEMP including measures to safeguard private water supply	
	Requirement 9 - CEMP to include detailed WQMP	
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storm storage volumes and flow rates to meet

the proposed development to adapt to future m storage provision

roject	Environmental Permit (flood
ction 2.12	risk activities)
App Doc Ref	
	DCO Schedule 2



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Mitigation measure impact

Secured by numberPhase Reference document locationSecuring mechanism

<u>Requirem</u> <u>nt 7</u> <u>Detaile</u>	-					
<u>W-33</u>	<u>Chapter 20: Water</u> <u>Resources Table 5.2 -</u> <u>Securing Mitigation</u>	<u>The impact of treated</u> <u>effluent discharge</u> (<u>comprising final effluent</u> <u>and stormwater flows</u>) from <u>the proposed outfall on</u> <u>River Cam</u> <u>hydromorphology</u>	Outfall Design Design measures to prevent or minimise scour and impacts from operation of the outfall are: • design of the outfall to operating within the maximum volume limits which are to be similar to those from the existing outfall; • flow rates controlled to be similar to existing outfall; • design of storm storage volumes and flow rates to meet regulatory requirements; • inclusion of capacity within the proposed development to adapt to future changes in relation to storm storage provision	<u>Operation</u>	ES Chapter 2 Project Description Section 2.12 The Outfall 2 (App Doc Ref 5.2.2) Design Plans – Outfall (App Doc Ref 4.13) Outline Outfall Management and Monitoring Plan (App Doc Ref 5.4.8.24)	DCO Schedule 2 Requirement 7 Detailed Design DCO Schedule 2 Requirement 10 Outfal Management and Monitoring Plan
W-34	Chapter 20: Water	The impact of treated	Outfall Management and Monitoring Plan	Operation	ES Chapter 2 Project	DCO Schedule 2
	Resources Table 5.2 -	effluent discharge			Description Section 2.12	Requirement 10 - Outfa
	Securing Mitigation	(comprising final effluent	<u>A requirement to prepare and implement and outfall management and</u> monitoring plan covering the operation of the outfall to include <u>a</u>			

	Chapter 20: Water Resourc	Table 5.2 Securing es Mitigation	The impact of treated efflu (comprising final effluent a flows) from the proposed (hydromorphology	nd stormwater	 Design measures to prevent or minimise scour and is operation of the outfall are: design of the outfall to operating within the minimits which are to be similar to those from the flow rates controlled to be similar to existing of the design of storm storage volumes and flow rates requirements; 	aximum volume e existing outfall; putfall;	secured through the Environme Preparation of a method staten	Heesign and construction method stat ental Permit (flood risk activities) ment to cover periodic monitoring acti is of the Environmental Permit (Flood
		<u>Chapter 21:</u> <u>Cumulative Effects</u> <u>Assessment -Table 4 3:</u> <u>Potential cumulative</u> <u>effects during</u> <u>construction</u>	Cumulative effect to habitats and protected species as a result of construction of the Proposed Development and relocation of the Waterbeach station	Station relocation p neither project res	ton Practice veen the Proposed Development and the Waterbeach project to ensure each project is managed so that ults in new or exacerbated impacts to habitats and asures (habitat creation) remain effective	<u>Construction</u>	ES Chapter 21 Table 4-2 and Table 4-3 (App Doc Ref 5.2.21)	DCO Schedule 2 Requirement 8 CoCP DCO Schedule 2 Requirement 9 CEMP
<u>Th</u> 5.2	d stormwater flow e Outfall 2 (App E 2.2) Itline Outfall		Camthe need for maintena Environment Agency. nt and	e proposed outfall fo	<u>stream</u> <u>Illowing a stormwater discharge event to inform River</u> <u>es as agreed with the <mark>hydromorphology</mark></u>		<u>Management and</u> <u>Monitoring Plan</u> (<u>App Doc Ref</u> <u>5.4.8.24)</u> Chapter -	



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activities od Risk

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mpact Mitigation measure

Secured by numberPhase Reference document locationSecuring mechanism

				inclusion of capacity within the proposed development to adapt to future changes in relation to storm storage provision		
				A requirement to prepare and implement and outfall management and monitoring plan covering the operation of the outfall to include a programme of routine visual inspection of both riverbanks downstream of the proposed outfall following a stormwater discharge event to inform the need for maintenance or repair measures as agreed with the Environment Agency.	Approval and implementation of an Out Plan secured through a requirement of	U
21:Cumulative cu	ale 4-3: Potential mulative effects ring construction	Cumulative effect to hal species as a result of cor Proposed Development Waterbeach station	struction of the	Interface plan between the Proposed Development and the Waterbeach Station relocation project to ensure each project is managed so that neither project results in new or exacerbated impacts to habitats and that mitigation measures (habitat creation) remain effective	Approval of an interface plan secured th DCO (App Doc Ref 2.1).	rrough a requirement of
	21:Cumulative			Interface plan to ensure that temporary c	onstruction works activities	
	ssessment Table 4 3	8: Potential <u>Cumul</u>	ative effect on	amenity, including lighting,		5.2.21)
landscap 21:Cumu	e and visual	ative effects — ameni	ty, including lighting,	- <u>Appro</u> compounds in close proximity do not result in new or worse DCO (App De	oval of an interface plan secured through a	a requirement of the dra
as a resu			ry, menuumg ngnumg,	-as a result of construction of	c Rel 2.1). Schedule 2	
Effects		tion Cumulative effect on	eCode of	temporary impacts to visual amenity inclu	iding controls on lighting and	Requirem
	tion of the Propose			the Proposed Development the positioning /		neguien
Practice	Assessment	and relocation of the Wa	iterbeach	heights of		
station <u>Co</u>	onstruction ES Cha	pter 21 Table 4-2 and	DCO Schedule 2	temporary		
occurring concurrently	landscape and visua	al		structures.		
Table 4-3 (App Doc Ref			Requirement 8 CoCP			

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act	Mitigation measur	e	Secured by n	umberPhase Reference document locationSecuring mechanis	<u>m</u>		
	<u> </u>	!	urring concurrently				
	<u>CE-3</u>	Chapter 21:Cumulative Effects Assessment Table 4 3: Potential cumulative effects during construction	Cumulative traffic effects as a result of construction of the Proposed Development and relocation of the Waterbeach station occurring either concurrently or sequentially	Code of Construction Practice Interface plan between the Proposed Development and the Waterbeach Station relocation project to ensure each project is managed so that neither project results in new or exacerbated traffic and transport impacts and that mitigation measures remain effective and to align traffic control measures	<u>Construction</u>	ES Chapter 21 Table 4-2 and Table 4-3 (App Doc Ref 5.2.21)	DCO Schedu Requiremen DCO Schedu Requiremen
	CE-4	Chapter 21:Cumulative	Flood risk	Code of Construction Practice	Construction	ES Chapter 21 Table 4-2 and	DCO Schedu
		Effects Assessment				Table 4-3 (App Doc Ref	Requiremen
		Table 4 3: Potential		Requirement for interface plan between the Proposed Development and		5.2.21)	
				the Station relocation project to ensure temporary works areas,			DCO Schedu
		cumulative effects		including compounds, do not result in an overall increase in flood risk	Requirement 9 CEI	MP during construction	
	<u>CE-5</u>	<u>Chapter 22 Major</u> accidents	Event risk of land slip or earth bank failure	Design The earth bank will be designed and constructed according to industry best practice earthworks standards. Drainage Strategy The earth bank would be designed to have effective drainage. Landscape Masterplan Earth bank is subject to ongoing monitoring as part of the Landscape Ecology and Recreation Management Plan (LERMP) which would be applied for 30 years as a minimum as part of the biodiversity net gain (BNG) obligation (Application Doc Ref 5.4.8.14).	<u>Operation</u>	Design Parameters of the draft DCO (App Doc Ref 2.1) LERMP (App Doc Ref 5.4.8.14) Drainage Strategy (App Doc Ref 5.4.20.12)	DCO Schedu Requiremen design DCO Schedu Requiremen Parameters DCO Schedu design
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MA-1 Chapter 22 Major <u>Event risk of land</u> <u>slip or accidents</u> <u>earth bank failure</u> Operational Management Operation		Applicant would implement of management (App Doc Ref	Environmental permit ilure of the earth bank occurred the perational management plans and environmental procedures. The management onmental permitting regime. Including	Description Section 5.1 Operation, Operational			
<u>MA-2</u>	<u>Chapter 22 Major</u> <u>accidents</u>	<u>Event risk – aviation hazards</u>	Operational ManagementOperation and maintenance activities required for the proposed WWTP would be subject to operational management plans and procedures. The management plans and procedures will sit within the EMS required under the environmental permitting regime. The Applicant will implement the EMS that will set out the responsibilities of the site management to control risks arising from the proposed WWTP during operationsThe EMS will also include appropriate definitions of roles and responsibilities to ensure compliance with any conditions related to the requirement to manage risk from the Proposed Development including wildlife hazards (birdstrike) that may be associated with the proposed WWTP including landscaping.	<u>Operation</u>	ES Chapter 2 Project Description Section 5.1 Operation, Operational environmental management (App Doc Ref 5.2.2) Wildlife Hazard Management Plan (Application Doc ref 5.4.18)	Environmental permit	
		-	<u>5.2.2) en</u>	acting emergency r	esponse plans		
<u>MA-3</u>	Chapter 22 Major Ev (buildings, solar and	vent risk – aviation hazards <u>d lighting</u> <u>installations)</u>	Design accidents Structures have been minimised to avoid the 55.82m Above Ordnance Datum (AOD) threshold indicated by the operators of Cambridge Airport.				



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igation measu	re	Secured by	numberPhase Reference document locationSecuring mechan	<u>ism</u>		
			Lighting Strategy Chapter The Lighting Design Strategy (Application Document Refence 5.4.2.5) sets out the approach to lighting within the Proposed Development and seeks to minimise the introduction of new lighting features in operation. Measures include avoiding lighting along the access road, the use of timed downward pointing lighting in external	measures relating disasters adopted Development (Ap Approval of an int requirement of th	to major accidents and as part of the Proposed p Doc Ref erface plan secured through a e draft 21:Cumulative	
<u>MA-4</u>	Chapter 22 Major accidents21:Cumulative Effects Assessment	Event risk- fire or explosion: storage of Liquified Natural Table 4 3: Potential cumulative effects during constructionGas(LNG)	Design The design and installation of the storage facility would be in line with industry standards. Design features reducing the risk of damage to the LNG storage facility include: • Siting controls and provision of adequate buffers to other infrastructure • The inclusion of lightning protection in accordance with industry standards • The inclusion of impact protection barriers around the storage facility • Cumulative traffic effects as a result of construction of the The inclusion and use of the correct level of intrinsically safe equipment and protective systems would minimise the available ignition sources in a flammable atmosphere if there were to be a loss of LNG in the Proposed Development and relocation of the Waterbeach station occurring either concurrently or sequentially reduce the risk of a major accident	Operation	ES Chapter 22 Major Interface plan betweenAccidents and Disasters Table 2-1 Design measures relating to major accidents and disasters adopted as part of the Proposed Development and the Waterbeach Station relocation project to ensure each project is managed so that neither project results in new or exacerbated traffic and transport impacts and that mitigation measures remain effective and to align traffic control measures(App Doc Ref 5.2.22) Design Parameters of the draft DCO (App Doc Ref 2.1)	DCO Schedule Requirement design DCO Schedule Requirement Parameters DCO Schedule Approval of a plan secured requirement DCO (App Doo Requirement design
DCO Schedul DCO Schedul	e 2 Requirement 7 - Detail e 2		<u>carpark areas, the use of structures to reduce light spill.</u> <u>Table 4 3:</u> Potential Flood risk <u>2.1)</u> Requirement for interface plan between	relocation project areas, <u>5.2.22</u>)		
DCO Schedul MA-5	e 2 Requirement 7 – Detai Chapter 22 Major accidents	led design Event risk- fire or explosion: anaerobic digestor	Design Operation The design of the anaerobic digestors includes measures to manage the risk of a major accident and will be compliant			
			with DSEAR.			
	MA-4 Construction DCO Schedul Requirement DCO Schedul	22 Major accidents21:Cumulative Effects Assessment Construction Design Parameters DCO Schedule 2 Requirement 7 - Detail DCO Schedule 2 Requirement 4 - Parameters DCO Schedule 2 Requirement 7 - Detail DCO Schedule 2 Requirement 7 - Detail MA-5 Chapter 22 Major	MA-4 Chapter Event risk- fire or explosion: 22. Major storage of Liguified Natural accidents21:Cumulative Table 4 3: Potential Effects cumulative effects during Assessment constructionGas(LNG) Construction Design Parameters of the draft DCO (App Doc Ref DCO Schedule 2 Requirement 7 - Detailed design DCO Schedule 2 Requirement 7 - Detailed design DCO Schedule 2 Requirement 7 - Detailed design MA-5 Chapter	Uphing Strategy Chapter Event risk- fire or explosion: 22 Major accidents24-Cumulative accidents24-Cumulative Storage of Liquified Natural Table 4.3: Detection The design and installation of the storage facility would be in line with industry standards. Design features: in course in club and installation of the storage facility would be in line with industry standards. Design features: reducing the risk of admage to the US storage of Liquified Natural Accessment Storage of Liquified Natural Accessment Storage of Liquified Natural Accessment Storage of Liquified Natural Table 4.3: Peterntisit The design and installation of the storage facility would be in line with industry standards. Design features: reducing the risk of damage to the US storage facility include: Accessment Siting controls and provision of adequate buffers to other infrastructure Billion controls and provision of indeat protection barriers around the storage facility to clude: Inclusion of lighting within construction of the the available infrastructure Construction Design Parameters of the draft DCO (App Doc Ref 2.1) Requirement for interface plan between DCO Schedule 2 Requirement 2- Detailed design DCO Schedule 2 Requirement 2- Detailed design Maximum for interface plan between DCO Schedule 2 Requirement 7- Detailed design DCO Schedule 2 Requirement 2- Detailed design Event risk fire or	MA4 Chapter Event risk-fire or explosion: Design Accidents and Dismessures relations for the storage facility would be in line with industry access read, the use of timed downward pointing lighting along the construction of new lighting along the construction of access rate of the storage facility would be in line with industry accessment Accidents and Dismession of the storage facility would be in line with requirement of the unulative effect on the storage facility would be in line with industry standards. Design fastures reducing the risk of damage to the line industry standards. Design fastures reducing the risk of damage to the line industry standards. Design fastures reducing the risk of damage to the line with industry standards. Design fastures reducing the risk of damage to the line with industry standards. Operation MA4 Chapter Event risk-fire or explosion: Design Operation 22 Malor storage of Linguinded Maurar The design and installation of the storage facility would be in line with industry standards. Design fastures reducing the risk of damage to the line with link storage facility induces Operation 32 Malor construction Gistling - Sting controls and provision of adequate buffers to other infrastructure - The inclusion of lighting protection in accordance with industry standards. - Construction Construction of storage result of construction of the storage facility induces: - Sting controls and provision of adequate buffers to other infrastructure - The inclusion of lighting protection in accordance with industry standards. <t< td=""><td>geton mesure Second-parameter (Second Second Se</td></t<>	geton mesure Second-parameter (Second Second Se



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<u>MA-6</u>	<u>Chapter 22 Major</u> accidents	<u>Event risk- fire or explosion:</u> <u>anaerobic digestor</u>	Design Area Classification will be completed for Hazardous Area Classification for Flammable Gases and Vapours in accordance with industry standards to comply DSEAR. Area classification is a method of analysing and classifying the environment where explosive gas atmospheres may occur. The main purpose is to facilitate the proper selection and installation of apparatus to be used safely in that environment, taking into account the properties of the flammable materials that will be present. Outputs will be used to define hazard zones within the facility and subsequently define the types of equipment permitted in specific zones as well as	<u>Operation</u>	ES Chapter 22 Major Accidents and Disasters Table 2-1 Design measures relating to major accidents and disasters adopted as part of the Proposed Development (App Doc Ref 5.2.22) Design Parameters of the	DCO Schein Requirem design DCO Schein Requirem Parameter DCO Schein Parameter DCO Schein Requirem design design
DCO Scho	dulo 2		informing the development of operational control plans.	DCO Schodulo 21	draft DCO (App Doc Ref 2.1)	
DCO Sche MA-7	Chapter 22 Major	Event risk- fire or explosion:	Biogas Holder Design	Operation	Requirement 7 – Detailed design ES Chapter 22 Major	
	accidents	anaerobic digestor		operation	Accidents and Disasters	
					and disasters adopted as part of Ref	
<u>MA-8</u>	<u>Chapter 22 Major</u> accidents	Event risk- fire or explosion: anaerobic digestor	Operational Management Systems To mitigation against an on-site incident, under the EMS and operation procedures development for the proposed WWTP, the operator will prepare and test emergency procedures for dealing with the consequences of a major accident. The management system is required to include the risk management measures specified in the HAZOP and DSEAR plans and cover planned maintenance (Environment Agency, 2022)	<u>Operation</u>	ES Chapter 2 Project Description Section 5.1 Operation, Operational environmental management (App Doc Ref 5.2.2) Design Parameters of the draft DCO (App Doc Ref 2.1)	DCO Schedu Requiremen design DCO Schedu Requiremen Parameters DCO Schedu Requiremen

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You can view allour DCO application documents and updates on the application on The Planning Inspectorate website:

https://infrastructure.planninginspectorate.gov.uk/projects/eastern/cambri dge-waste-water-treatment-plant-relocation/

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DCO Sched Requireme	l <u>ule 2</u> ent 4 – Parameters							
DCO Scher	lule 2 Requirement 7 – De	etailed design						
MA-9	Chapter 22 Major	Event risk- fire or explosion:	Design		Operation	ES Chapter 22 Major		DCO Sche
	accidents	battery storage				Accidents and Disasters		Requir
			A cooling system which is d	esigned to regulate temperatures w	ithin safe			ement
						Table 2-1 Design measur		4-
			minimize risk of fire. The Proposed De					Param
		Contract and the second	linked to and disasters adopted as the	site wide control system, which will	be locally and rem	otely part of the Proposed monito	<u>red.</u>	<u>eters</u>
DCO Sched	lule 2 Requirement 7 - De	tailed design						
						Development (App Doc Ref		
							DCO Schedule 2	
						<u>5.2.22)</u>		
							<u>Requirement 7 – D</u>	etailed
						Design Parameters of the	design	
						draft DCO (App Doc Ref 2.1)		
<u>MA-10</u>	Chapter 22 Major	Event risk- fire or explosion:	Operational Management Systems		Operation	ES Chapter 2 Project	Environmental per	mit
	accidents	battery storage	The EMS and operation procedures de	velopment for the proposed		Description Section 5.1		
			WWTP, the operator will prepare and			Operation, Operational		
			dealing with the consequences of a ma			environmental		
			<u></u>	<u></u>		management (App Doc Ref		
						<u>5.2.2)</u>		
MA-11	Chapter 22 Major	Event risk- fire or explosion:	Drainage Design		Operation	Drainage Strategy (App Doc	DCO Schedule 2	
	accidents	battery storage				Ref 5.4.20.12)	Requirement 7 - D	etailed
			The drainage system includes a segreg	ated system which would capture d	esign run-off from	firefighting activities for treatmen	<u>t within</u>	
			the proposed					
			WWTP. The Drainage Strategy (App Doc Ref 5.4.20.12) requires that the DCO Schedule 2 requirements of the Environment Agency Approach to					
			Groundwater Requirement 7 – Deta		docign the dot	sign the detailed drainage design. Section 4.8 of the		
			Protection (Environment Agency, 2018 Drainage Strategy (App	s) are to be followed in relation to	design the det	aneu uramage design. Section 4.8 (
			Draillage Strategy (App				DCO Schedule 2	

Requirement 14 – Drainage Approach to Groundwater Protection. <u>design</u>



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mpact	Mitigati	on meas	ure	F	Phase Reference docum	ent Securi	ng mechanism			
	<u>1</u>	<u>MA-12</u>	<u>Chapter 22 Major</u> accidents	<u>Event risk – Compromised</u> <u>site security</u>	Design Design measures include the earth bar use of surveillance equipment to moni access, and egress points. Physical security design measures follo will be incorporated to ensuring the sit personnel.	tor the facility, see	curity-controlled	Operation	ES Chapter 2 Project Description section 2.13 Further associated development and site-wide provisions, Fencing and security (App Doc Ref 5.2.2) ES Chapter 22 Major Accidents and Disasters Table 2-1 Design measures relating to major accidents and disasters adopted as part of the Proposed Development (App Doc Ref 5.2.22)	DCO Schedule 2 Requirement 7 - Detailed design DCO Schedule 2 Requirement 4 – Parameters DCO Schedule 2 Requirement 7 – Detailed design
	Δ	ИА-13	Chapter 22 Major 5.1	Event risk – Compromised	Operational Management Systems To mitigation against an on-site incide procedures development for the prope for dealing with the management (App malicious attacks. Visitors to the Discovery Centre will be	osed WWTP, the o Doc Ref consequ	perator will enviro ences of a major ad	nmental prepare a	Operation, Operational and test emergency procedures	security Description Sec
	1	<u>MA-14</u>	<u>Chapter 22 Major</u> accidents	<u>Event risk – Compromised</u> cyber security	Software Design			<u>Operation</u>	<u>ES Chapter 2 Project</u> <u>Description section 2.13</u> <u>Further associated</u> development and site-wide	Environmental permit



Cambridge Waste Water Treatment Plant Relocation Project Mitigation Tracker

Ref	Source	Description of impact	Mitigation measure	Phase	Reference document	Securing
<u>mechanisr</u>	<u>n</u>					
			<u>Prevention of unauthorized users and devices from accessing the</u> network will be through the use software security design measures as	·	provisions, Fencing and security (App Doc Ref 5.2.2)	
			stated in the NCSC guidance (NCSC, 2023).			
<u>MA-15</u>	Chapter 22 Major E	vent risk – Compromised	Operational Management Systems Operation ES Chapter 2 Pro	oject Environm	ental permit accidents cyber s	security Description Section 5.1
			In the event that a cyber attack was successful the operator would		Operation, Operational imple	DCO Schedule 2
			management plans and procedures. The Requirement 7 – Detailed	ł	Operation, Operational imple	
				-	environmental management	<u>olans</u>
			and procedures will sit within the EMS required design			
			under the environmental permitting regime. Including enacting		management (App Doc Ref	
					5.2.2) emergency res	ponse and
		,	pollution incident response plans.			
<u>MA-16</u>	Chapter 22 Major	<u>Event risk – extreme events</u>	Design	Operation	ES Chapter 22 Major	DCO Schedule 2
	accidents	(storms and heat events)	To manage higher storm flows in the future and to continuously meet		Accidents and Disasters	Requirement 7 - Detailed
			evolving permitting requirements, even in the case of low flow and		Table 2-1 Design measures	<u>design</u>
			future drought conditions, the Proposed Development will have capacity		relating to major accidents and disasters adopted as	DCO Schedule 2
			to add additional infrastructure including more storm storage, heat		part of the Proposed	Requirement 7 – Detailed
			recovery, cooling system treatment infrastructure.		Development (App Doc Ref	<u>design</u>
			The Drainage Strategy (App Doc Ref 5.4.20.12) sets out how future		<u>5.2.22)</u>	DCO Schedule 2
			climate predictions will be accounted for within the final drainage design to minimise the risk of flooding to the proposed WWTP.		Drainage Strategy (App Doc	<u>Requirement 14 – Drainage</u>
			to minimise the lisk of hooding to the proposed wwrr.		<u>Ref 5.4.20.12</u>	





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Visiting our web**site** DCO application documents and updates on the application on The Planning Inspectorate website:

https://infrastructure.planninginspectorate.gov.uk/projects/eastern/cambir dge-waste-water-treatment-plant-relocation/