# CAMBRIDGE WASTE WATER TREATMENT PLANT Response to the Examining Authority's written questions and request for information (ExQ1) – November 2023

on behalf of the Conservators of the River Cam

Planning Inspectorate Reference: WW010003



#### 1. INTRODUCTION

1.1. This document has been produced by Harrison Clark Rickerbys Limited trading as HCR Hewitsons on behalf of the Conservators of the River Cam ("the Conservators"). It sets out in the table at Appendix 1 the response of the Conservators to the Examining Authority's written questions and requests for information (ExQ1). The draft DCO with the Conservators' amendments together with a table setting out what is agreed and disagreed with the Applicant is at Appendix 2.

HCR HEWITSONS
November 2023

## Appendix 1

ExQ1	Question	Response of the Conservators
1.14	Other Projects and Proposals  Are there any other projects that are not documented in the ES that are relevant and need to be considered by the ExA? If so, please identify these projects and the public information source(s) from which you have made your assessment that they are relevant.	The Conservators wish to raise their bank revetment works which may be relevant for consideration of the ExA. Such works are required for the health and safety and stability reasons in the area. Conservators have annual revetment work planned for 50 meters each year. Other reasons may require more extensive works in the area (ie. along Halingway/towpath opposite outfall). These works are carried out between January to April each year.
7.14	Temporary disruption to the River Cam navigation  Noting Table 2-7 (page 33 of ES Chapter 11 [AS-028]), para 3.1.30, para 4.2.22, para 4.2.25 and para 4.2.29:  a) Whilst the number of university rowers might decrease during the	During the summer university break there is a limited increase in pleasure cruisers and holiday rental craft. The quietest period as to activities on the river is during August and September.
	summer university break, is there an increase in the use of the river by other parties during this time?  b) If peak usage occurs from March to early November and the duration of construction is likely to be four months, is it possible or desirable for these works to take place from November to March?  c) If so, how would this affect the magnitude of the impact? Would it reduce from 'significant'?	The Conservators in discussion with the Applicant have agreed that August would be the preferred period for the initial setup works for project. Such works having the greatest impact on the river. It understood from the Applicant that under such timetable the outfall works should then be completed and out by December of the same year. This is in principle agreeable to the Conservators.

#### 7.15 Effects on the River Cam

You expressed concern [RR-023] that this project would affect your ability of the to adequately fulfil your statutory responsibilities of navigation for this stretch of water during construction and that both the short-term and long-term consequences of the project may negatively impact the river, its banks, its ecology and the navigation of its users.

- a) What are the statutory duties that would be affected?
- b) What would be the effects on the statutory duties during the construction phase?
- c) What would be the effects on the statutory duties during the operational phase?
- d) What would be the consequences of not being able to fulfil your duties in whole or in part?

There are four (4) primary unresolved issues of concern to the Conservators as to how the project impacts the river.

The first issue is the extent for which navigation rights will be extinguished. There is no clear drawing indicating the extent. There are various conflicting plans which range from a small part of the river to half of the river. The current draft DCO simply refers to 'any part of the river Cam permanently acquired by the undertaker in connection with Work no. 32'. The land plans and the works plans for the outfall show no clear defined area so as to accurately determine the proposed extinguished navigation rights and the resultant impact to the Conservators and users of the river.

The extent of the navigation rights is fundamental to the Conservators as the navigation authority. Likewise it is of public interest. Accordingly, the impact to, and any loss of, the navigation rights should be determined carefully within a clearly defined for which all interested parties can understand and comment upon. Until this is done the Conservators cannot assess the impact of the extinguishment of navigation rights and therefore maintains a standing objection to the proposed extinguishment.

The second issue is the lack of consultation and advance notice to the Conservators both during and after construction. The requested changes to the draft DCO (as discussed at 8.20 below and attached to this statement) include provision for improved consultation and advance notice to ensure it can manage users of the river and maintain unobstructed navigation. The changes also provide powers of the Conservators to have a constructive input into timing and parameters of works (especially during the post construction period) such as to minimise disruption and danger to users of the river. The Conservators also request that they are consultee in Requirement 10.

It is important to note that an outfall at a high pressure release may cause significant health and safety risk to river users and their craft. It could create damage to opposite bank and revetments. Boaters who may moor intentionally or in ignorance, causing an obstruction to the wider navigation will affect statutory duties. The proposed changes to the draft DCO are intended to address such concerns.

The third issue is that the Conservators are not put to any expense resultant from the project. This includes the cost of removing silting caused by the outfall. The proposed changes to the draft DCO are intended to address such concerns.

The fourth issue is a concern that the suspension of statutory provisions and the temporary suspension of navigation rights will leave a potential vacuum in authority to deal with an obstructed river when users will not be able to pass in vessels. By example, moored vessels (deliberate/ignorance) creating obstruction effecting the wider navigation rights. There is concern that there may be an issue of protesters, mooring vessels/creating barriers to the work pontoons both on the river and Halingway/towpath. The Conservators consider that the Applicant should take on enforcement responsibilities to ensure that obstruction to the river is prevented with any vessels removed. Accordingly, the Conservators suggest removal of vessel powers should be included in the DCO and are in ongoing discussions with the Applicant as to such powers.

Finally, as to the powers of the Conservancy as relevant to the above, an brief example of the legislative provisions is the 1996 Byelaws which:

- a) 3 Control of Traffic on the River.
- b) 4.2 Appropriate usage of River eg: allowing flow of passage either side of the river.
- c) 6.1-6.11 all matters related to moored vessels.
- d) 7.1 7.3: Consideration to Regattas, Races and Similar Events.
   Locks To ensure that no debris/vessel used in the construction becomes an obstruction to use of the lock down stream (Baits

		Bite).  e) 11.1 - 12.4: Prohibition against abandonment & Prohibition on obstruction (loss of enforcement rights to avoid navigational obstruction.  f) 13.3: Enjoyment;  g) 13.4: Obstruction caused by debris;  h) 13.5: Limiting Free Navigation.  i) 15.6: consent for diving;  j) 15.7: allow sewage etc into the river. Maintaining navigability of the river - could be impacted by debris, will be impacted by obstruction into the river (approx. half width); the removal of statutory enforcement rights etc.
8.20	The BoR [AS-145] includes several Statutory Undertakers with interests in land and equipment that would be affected by CA / TP. The Applicant:  a) Provide a progress report on negotiations with each of the Statutory Undertakers listed in the BoR, with an estimate of the timescale for securing agreement with them;  b) Indicate whether there are any envisaged impediments to the securing of such agreements; and  c) State whether any additional Statutory Undertakers have been	Please see attached draft DCO with the Conservators preferred wording tracked together with the table setting out the current position on what has been agreed and what hasn't been agreed with the Applicant. The Conservators and the Applicant are continuing discussions on the areas not agreed, and will update the examining authority as that progresses.

	identified since the submission of the BoR with the application.  To Statutory Undertakers (and others subject to protective provisions):  Where Statutory Undertakers (and others subject to protective provisions) have concerns regarding the current drafting of the Protective Provisions within the dDCO [AS-139], either provide copies of preferred wording or if you have provided it, signpost where it can be found and explain why you do not consider the wording as currently drafted to be appropriate.	
9.2	Design review  Please comment on the desirability of implementing a Design Review  Panel to provide an informed 'critical friend' on the developing  proposals, to ensure that good quality sustainable design and integration of the Proposed Development into the landscape is achieved in the detailed design, construction and operation of the project.	The Conservators consider that a Design Review Panel is a useful proposal.  The Conservators consider it beneficial for them to be either represented on the Design Review Panel or consulted by such panel.
10.16	R10 – should the construction outfall management and monitoring plan (R10(1)) and the operational outfall management plan (R10(4)) make provision for consultation with any other bodies, such as the Environment Agency, Natural England and the Conservators of the River Cam (noting NE's RR [RR-015])?	The Conservators consider that Requirement 10 should provide that they are a statutory consultee on the construction outfall management and monitoring plan and the operational outfall management plan as well as any subsequent amendments to such plans. The Conservators have made representations to the Applicant in this regard.

	As navigation authority it has statutory duties in relation to the use of the
	river and its maintenance. A major concern of the Conservators is the silting
	of the river by the outfall. Being a consultee on these plans will ensure the
	Conservators have direct input into such issue and other matters affecting
	the river during and post construction.

## Appendix 2

Topic area	Extract from the Conservators' Letter	CWWTPR response	Conservators response
Draft SoCG	It is however kindly noted as a few initial minor comments that the watercourse would preferably be referred to as the 'River Cam' and not the 'river Cam' (and this comment applies equally to the draft Protective Provisions), and there will also need to be a correction to the date of the Bylaws.	appreciated as is the intention to engage to develop further. It would be helpful if the Conservators could confirm the process for approval of the SoCG and if this can be delegated outside of quarterly Board meetings.  For the purposes of the DCO, reference to the 'River Cam' must be 'river Cam'. As the DCO is a statutory instrument, it must comply with the SI template from legislation.gov.uk and drafting convention. The river is not officially 'named' and therefore it would not be appropriate to refer to it as such.	Cam' is agreed.  The amendment to the River Cam Byelaws 1996 is agreed  The Conservators agree that delegation can be requested for a smaller working group who can respond by email where Board meetings are not possible.  It is envisaged, as previously proposed, that a meeting between such working group and the representatives of the Applicant (likely with the parties respective legal representatives) would be beneficial to discuss remaining issues.
Draft Protective Provisions	There are several preliminary matters which we wish to mention before commenting on the draft Protective Provisions. Firstly, the purpose of this initial response on behalf of the Conservators is not to propose alternatives or amendments to the draft Protective Provisions but to identify issues of concern in the current draft for further discussion based on the parties' mutual endeavours of	the covering email.	As a general comment it should be appreciated that it is not the role nor obligation of the Conservators to draft the development consent order or even to propose drafting provisions.  The Conservators have identified the issues for which they have concerns or

	hopefully resolving such concerns in a final agreed version. Although some example draft provisions have been provided below it is expected that your client will provide updated drafting as part of such further discussion.  Secondly, this response is not intended, nor should be taken, as a statement of the Conservators' position on the principle of the scheme. The referenced plans in the draft Protective Provisions are noted without comment for the purposes of this response as to whether such plans are acceptable to the Conservators.		oppose, and it is for the Applicant to propose alternative drafting to resolve such concerns and opposition. Criticism of the Conservators for such approach is wholly misplaced.  Finally, it is more reasonable and proportionate for the Conservators to first explain its substantial concerns on the drafting before assisting the Applicant with proposed amended drafting. If the Conservators conversely first proposed amended drafting for
	Thirdly, and to avoid any wasted costs, drafting cross-references have not been addressed in this response and will be considered only upon review of the final version of the draft Protective Provisions.  Finally, it should be noted that we have now exceeded the costs undertaking provided by you in relation to the Conservators' consideration and response to the draft SoCG and draft Protective Provisions. The costs undertaking will need to be increased to enable the aforementioned further discussion. We can discuss such costs uplift by separate correspondence.  There are two separate parts to the draft Protective Provisions which are directly related to the Conservators. These are: (1) Rights on the River Cam; and (2) Protections for the navigation authority. I have set out the Conservators' position to each part below in such order (with paragraph numbering for ease of reference in		agreed then likely the Applicant will just complain about those costs instead.
Paragraph 1.1		For the avoidance of doubt, we note that paragraphs 1.1 to 1.10 of the letter	

"1.—(1) Notwithstanding the licences which may have been granted pursuant to section 5 or 16 of the River Cam Conservancy Act 1922([1]), the undertaker may for the purposes of the construction, operation, use and maintenance of the authorised development—  (a) temporarily suspend any rights of navigation or any other rights over the parts of the river Cam identified with blue hatching on sheet 2 of the rights of way plans (Document 4.6.2); and  (b) permanently extinguish any rights of navigation or other rights on any part of the river Cam permanently acquired by the undertaker in connection with Work no. 32.	the protective provisions.  Whilst the Applicant does not consider this strictly necessary, it is content to separately set out the powers of permanent extinguishment and temporary suspension of rights in the Article and the proposed amended wording is therefore set out below:  44.—(1) Notwithstanding the licences which may have been granted pursuant to section 5 or 16 of the River Cam Conservancy Act 1922(a), the undertaker may for the purposes of the construction, operation, use and maintenance of the authorised development temporarily suspend any rights of navigation or any other rights over the parts of the river Cam identified with blue hatching on sheet 2 of the rights of way plans	
(3) The undertaker must not exercise the powers in paragraph (1) unless it has given not less than 28 days' notice in writing of its intention to do so to the relevant navigation authority."	may have been granted pursuant to	

Paragraph 1.2	Firstly, as a general observation, it is noted that temporary suspension of rights of navigation and permanently extinguishment of rights oft navigation are included within this same provision. Temporary suspension is legally distinct from extinguishment of legal rights with each having their own separate issues and preconditions. While this is not a red line requirement of the Conservators it is suggested as preferrable in such circumstances to split them into distinct and separate provisions (which is an approach seen in other DCOs).	the track changed version appended to	It should be clarified that the criticism of Article 44 is that it applies the temporary suspension and the permanent extinguishment in the same procedural way.  It is considered better practice to wholly separate the two issues. Specifically, the temporary suspension should be dealt with collectively in the protective provisions and are preferably not in the same Article 44. Article 44 preferably should only deal with the permanent extinguishment and the procedures to effect it.  Again, this is not a red line requirement of the Conservators but the point being made should be correctly understood.
Paragraph 1.3	Secondly, on the issue of temporary suspension, there is a proposed unfettered right of temporary suspension of certain parts of the River Cam savet only for 28 days' advance notice. The Conservators require an obligation on Anglian Water to first consult the Conservators on the details of the proposed temporary suspension before the advance notice is served upon them. Consultation is important in ensuring minimal disruption to the Conservators and the users of the River Cam.	Article confers an unfettered right of temporary suspension. The power is constrained in three ways:  • Firstly, the temporary suspension must be for the purposes of construction, use, operation and maintenance of the authorised development (noting that authorised development is a defined term (for ease of reference, this is: means the development described in Schedule 1 (authorised development) and any othe development authorised by this Order, which is development	of unfettered rights' for the temporary suspension is noted, it is unfortunate that such point is the sole focus of the Applicant's response.  In of the primary comment by the dConservators in paragraph 1.3 is to drequest consultation on the temporary atsuspension. It is presumed from the aresponse that the Applicant does not of agree to first consult the Conservators.  In of the primary comment by the dConservators in paragraph 1.3 is to drequest consultation on the temporary atsuspension. It is presumed from the aresponse that the Applicant does not of agree to first consult the Conservators.  In of the primary comment by the difference to the protective provisions dis noted but re-enforces the Conservators' enview that the temporary suspension in sArticle 44(1) should sit with all the attemporary suspension rights in the 2 protective provisions (and not split).

		out under the requirements);  Secondly, the power only applies to the parts of the river Cam identified with blue hatching on sheet 2 of the rights of way plans (Document 4.6.2); and  Thirdly, each exercise of the powers in Article 44 requires 28 days' advance notice (albeit the Applicant is willing to change this to 42 as per the track changed version attached).	,
	opsusplications operations operat	n addition, details of the construction and peration of the outfall need to be ubmitted and approved by the local anning authority pursuant to equirement 10. In particular, it will be oted that the local planning authority just approve the following details:  a) details of any proposed restrictions on avigation on the river Cam during construction works;	In relation to Requirement 10 the Conservators consider that they should be consulted. The Examiner's question 10.16 of ExQ1 is noted in that regard, and for which the Conservators will seek such consultation provision for Requirements 10(1) and (3) (the detailed construction outfall management and monitoring plan) and 10(5) and (7) (the detailed operational outfall management and monitoring plan).
Paragraph 1.4	Thirdly, the temporary suspension provisions are It ongoing without limitation as to the suspension period and, moreover, apply indefinitely to 'usesu and maintenance'. The Conservators require a limit on the number of times and the duration of	ontinuous period of temporary uspension for the construction phase.	The Applicant states in its response that the temporary suspension in Article 44(1) are envisaged as one continuous period for the construction phase.

	any temporary suspension without their consent. Notwithstanding this, the Applicant notes However, such article is drafted for the By example, Anglian Water could be authorised to that there are several restrictions on the purposes of 'the construction, operation, temporary suspend such parts of the River Camexercise of its powers of temporary use and maintenance of the authorised without consent on no more than 3 occasions and suspension, as noted above. It is development'. each occasion must not exceed 72 hours, therefore not correct to say that the Anything more would require the Conservators' powers are ongoing, without Noting that the unfettered rights in Article consent (with the usual provision that it isn't limitation. The Applicant does not 44(1) are sought by the Applicant just for unreasonably withheld or delayed, emergencies propose to restrict these powers further by the construction phase (as stated in the are excluded and no unreasonable conditions). limiting the occasions and timings as response), the Conservators would be Again, this is an example only. The number of proposed by the Conservators. agreeable to such provision with the occasions and maximum duration of each occasion will need to be considered between the parties as to what is fair and reasonable for this scheme.  Any temporary suspension outside the construction phase would be subject to the procedure in the protective provisions.  Noting the Applicant's response and reference to the construction phase it is assumed this should be agreeable.
Paragraph 1.5	Fourthly, there are no advance public noticing Drafting has been added which provides provisions on Anglian Water relating to the for public notification by way of the temporary suspension of navigation rights. The rection of a site notice and the placing of Conservators require there to be public notices of a notice in a locally circulated newspaper any temporary suspension on Anglian Water's for two successive weeks prior to the website, to relevant interest parties and posted on site in a conspicuous position.  Noted. The tracked drafting appears incomplete and therefore the amendments are agreed as updated.  Site in a conspicuous position.
Paragraph 1.6	Fifthly, on the issue of permanent This requires Conservators to review the The comments of the Conservators in extinguishment, it is considered the current extent of Work No. 32.  drafting is too broad and ambiguous. It currently extinguish Reference to other rights is necessary as and reasoning in its response to any rights of navigation or other rights'. Thethere may be rights over than rights of extinguishment and suspension together reference to 'other rights' is unclear and navigation over the River Cam and which evidences confusion of the issue (and potentially far reaching without proper scrutiny, are not granted by the Acts and byelaws, again highlights why the procedural The Conservators require removal of such for example, rights relating to the mooring aspects of extinguishment and suspension of vessels or to carry out works to the are best separated).

The drafting currently also refers to the area of A major concern of the Conservators is extinguishment being `any part of the River CamThis power is limited in relation to boththe ambiguity around the extent of permanently acquired by the undertaker inpermanent extinguishment and temporarynavigation rights to be extinguished. connection with Work no. 32'. Presumably the suspension. Not only must the power only Reference to a review of 'the extent of reference to parts acquired by Anglian Waterbe used when it is for the purposes ofWork No.32' merely evidences the means freehold rights but the current drafting construction, operation, use and inability of the Applicant to clearly identify could be interpreted more broadly. In any eventimaintenance of the authorised the area proposed to be extinguished. absolute clarity and clear limitation as to the partdevelopment but it is limited further in of the River Cam to be extinguished is important relation to the specified area on the rights The work plans produced by the Applicant when public rights are being lost. Theof way plan (Document 4.6.2) (temporaryare conflicting and wholly unclear. By Conservators require the extent of any authorised suspension) and in connection with Work example, Insert Plan 2.3 on drawing extinguishment to be clearly demarked on a plan No. 32 (permanent extinguishment) and 4.3.2 Works Plans Sheet 2 Regulation

to be referenced as the extent and limitation of as shown on the works plans.

the extinguishment.

yare conflicting and wholly unclear. By kexample, Insert Plan 2.3 on drawing d'4.3.2 Works Plans Sheet 2 Regulation 5(2)(j)' shows the outfall taking up at least half of the river. The Design Plans for the Outfall such as drawing '4.13.3 Design Plans – Outfall Outfall Layout Plan Regulation 5(2)(o)' show a much less impact on the river. The Land Plans such as drawing '4.4.2 Land Plans Sheet 2 Regulation 5(2)(i)' show a similar impact of at least half of the river.

The extinguishment of navigation rights is a significant matter of public interest. The Applicant must clearly identify the area proposed to be extinguished.

In understanding the area proposed the Conservators can then also take a view on the proposed extinguishment of 'other rights'.

The Applicant is requested to clearly identify the area for permanent extinguishment by a hatched area on the plan. Such plan must be referenced in Article 44 as the limitation to the extinguishment.

Paragraph 1.7	Sixthly, as with the temporary suspension, provisions, the Conservators require advance public noticing provisions for the extinguishmenti rights. This should include the typical local newspaper notices in two successive weeks and site notices.	provides for public notification on site and in a locally circulated newspaper for two	
Paragraph 1.8	Seventhly, and finally, there are some generall wider suspension of navigation rights in the protective provisions which are referenced at paragraph 1(2) of the draft provisions above. We will therefore comment upon them later below (albeit we would at this stage note that we consider that as these provisions concerns navigation rights then they would more sensibly sit within these 'Rights of the River Cam' provisions as opposed to the 'Protective provisions').	Noted.	
Paragraph 1.9	The final part is the disapplication of the various statutory provisions as follows:  "(4) The River Cam Navigation Act 1851([2]), the River Cam Conservancy Act 1922([3]) and the Cambridge City Council Act 1985([4]) are disapplied in so far as their continuance is inconsistent with the construction, operation, use and maintenance of the authorised development. The Conservators of the River Cam Byelaws 1966 are disapplied in so far their continuance is inconsistent with the construction, operation, use and maintenance of the authorised development".	This is noted and agreed.	
Paragraph 1.10	The Conservators do not have any objection or comments in principle to these provisions.	Noted.	

Draft Protective Provisions	Protections of the navigation authority		
Paragraph 2.1.	"1. For the protection of the relevant navigation authority the following provisions of this Part of I this Schedule shall, unless otherwise agreed in writing between the undertaker and the relevant navigation authority, have effect.  2. In this Part of this Schedule— "river work" means the construction or maintenance of those parts of the authorised development which are in or over the river Came or which require interference with the movement of river traffic on the river Cam; "temporary river work" means those river works which do not form part of the permanent works required for the operation and maintenance of the authorised development;"	are separately defined as different provisions relate to each.  In relation to 'river work', the undertaker must not commence any river work until it has supplied a plan detailing the design and work programme. This is to include detail of temporary river work.  Further, sub-paragraph (4) provides that upon completion of any river work, the temporary river work must be removed, and the site of any temporary river work must be made good.  As temporary river works will ultimately be	
Paragraph 2.2	It is noted that the definitions of 'river work' and I 'temporary river work' have draftingt inconsistencies. By example, 'river works' refers to 'construction or maintenance' whereas thea 'temporary river works' refers to 'river works' for 'operation and maintenance'. Likewise what river I works 'form part of the permanent works' ands	emporary work separately as different provisions relate to each, as detailed above.  The definition of 'river work' was drafted as	agreed.

	what don't is an ambiguous line. The physical development of the authorised Conservators require improvement to these development but also the powers of definitions.  maintenance and operation. In maintaining the physical works, for example, there may be some interference with traffic on the river. This would make such work a 'river work', irrespective of whether the interference is temporary or not.
	However, in light of the Conservator's comments, the Applicant has reconsidered this wording and proposes amended definitions as follows:
	"river work" means any works forming part of the authorised development which are in or over the river Cam or which require interference with the movement of river traffic on the river Cam; "temporary river work" means those river works which are temporary in nature and which do not form part of the permanent works in or over the river Cam
Paragraph 2.3	The next part concerns the carrying out of the Response below 'river works'. It provides as follows:  "3.— (1) Save in an emergency, the undertaker will not commence any river work until—  (a) it has supplied to the relevant navigation authority plans of that river work showing the detailed design, work programme, any temporary river works and any associated temporary or permanent interference with rights of navigation pursuant to article 44(1); and  (b) it has provided 28 days' written notice of the intention to commence such river work.

	(2) A river work must not be constructed except		
	in accordance with such plans as have been		
	provided to the relevant navigation authority.		
	(3) The undertaker must carry out all river work		
	so that the movement of river traffic on the river		
	Cam is not restricted more than is reasonably		
	practicable in order to carry out the relevant river		
	work.		
	(4) Upon completion of any river work, the		
	undertaker must—		
	(a) remove as soon as is reasonably practicable		
	any temporary river work and associated		
	materials; and		
	(b) make good the site of any temporary river		
	work so as not to cause any interference with the		
	movement of river traffic.		
	movement of fiver crame.		
	(5) In carrying out any river work, the undertaker		
	must not—		
	mast not		
	(a) deposit in or allow to fall or be washed into the		
	river Cam any gravel, soil or other material except		
	to the extent permitted by this Order; or		
	to the extent permitted by this order, or		
	(b) discharge or allow to escape either directly or		
	indirectly into the river Cam any offensive or		
	injurious matter."		
Paragraph 2.4	Firstly, there is no definition of 'emergency'. The	The Applicant does not propose to define	As a general observation an argument
aragrapii 2.7	Conservators would prefer that such term		based on unsupported assertions of
		accepted practice in a DCO not to define	'common and accepted practice' are
	lo definical	this term and the Conservators will note	unhelpful. Certainly there are DCOs
		reference to an 'emergency' in the	which defined emergency. By example,
		protective provisions for Eastern Power,	the following:
		Cadent and National Highways. The	che following.
		drafting provides that in an emergency	"In this Part "emergency" means any
		(which is not defined), the Applicant may	circumstance existing or imminent which
		carry out works without prior notice.	the undertaker considers is likely to
		carry out works without prior hotice.	unc undertaker considers is likely to

	cause danger to— (a) any person or property, any vessel and any person using, working on, or intending to use or work on, the [river Cam]; or (b) the environment".  The Applicant's consideration of this drafting would be welcomed before a final decision on this issue is taken by the Conservators.
Paragraph 2.5	Secondly, the main part of the river work will be the construction of the outfall pipe. We have seen here to largely be a matter for the Conservators require that they are a examples where there are specific protective Environment Agency, through its mandatory consulted in Requirements provisions relating to schemes involving the permitting process.  Construction of outfall pipes. An example provision is as follows:  The Conservators should familiariseA key concern of the Conservators is themselves with Requirement 10, which assilting of the river caused by the outfall. In particular, the Applicant must full timately falls on the them as the provide details for approval of the headwall must comprise a recessed (b) the undertaker must ensure that the approvate of maximum rate of discharge of being brought into operational use. This consultee under Requirements 10(1), (3), surface water through the outfall pipe; where the requirements ensure that the approvation of the headwall must comprise a recessed (4) The outfall forming part of Work No. 32 prior to ittliff the Conservators are a mandatory (c) the headwall must comprise a recessed (4) The outfall forming scour and bank provision and indemnity in paragraphs 7 below for ease of reference:  (c) the headwall must comprise a recessed (4) The outfall forming part of Work No. 32 provided then their concerns may be reasonably addressed.  (d) all material excavated during the construction and monitoring plan has been submitted to of the headwall must be removed from the and approved by the relevant planning authority. The operational outfall management (4) In approximate the operational outfall management and monitoring plan must (e) the area around the headwall must be include— (a) details of proposal for restored to its previous condition as soon as monitoring scour and bank erosion; (b) possible following construction of the headwall; in the event of erosion arising from outfall

	operation; (c) the circumstances in which  (f) in constructing the outfall pipe the undertaker adaptive management measures will be must ensure that erosion protection sufficient to deployed; (d) details of ditch monitoring prevent scouring of the bank of the watercourse and maintenance measures; and (e) is provided beneath the outfall pipe, across the proposals for the provision and bed and extending across the far bank to the maintenance of any biodiversity net gain same level as the outfall pipe and to at least one comprising river units.  metre either side of it;
	(g) no part of the outfall pipe or associated erosion protection measures is to protrude beyond the existing bank profile; and
	(h) discharge through the outfall is to consist solely of surface water runoff and must not include any treated foul water".
Paragraph 2.6	Without prejudice to the importance of all matters. The works which form part of the raised above, the Conservators are particularly authorised development, including those concerned about erosion protection measures to in or over the river Cam or which affect ensure the prevention of scouring of the bank of the movement of river traffic have been the watercourse beneath the outfall pipe and assessed in detail and considered as part across the bed and extending across the far bank of the application. The Applicant refers (as raised in (f) above). The Conservators require the Conservators to the following parts of the Project Description chapter in the Environmental Statement which refer to such works:  • Project Description - App. Doc Ref 5.2.2 at paragraphs 2.12.1-2.12.12 • The Outfall and Design drawings at Design Plans Outfall App. Doc Ref 4.13.1-4.13.5  Again, the Applicant reiterates reference to Requirement 10(4) and the need for the Applicant to provide details of the proposed management and monitoring of scour and bank erosion. The Applicant

	lef Wards No. 22 into use without the
	of Work No. 32 into use without the
	approval of these details by the local
	planning authority.
	As per Requirement 10(5), the details
	may be revised following consultation
	with the Environment Agency and Natural
	England to reflect the requirements of
	any environmental permit, protected
D	species licence or land drainage consent.
Paragraph 2.7	Thirdly, like the temporary suspension and The 28-day notice period applies to the The Conservators' comments in
	extinguishment provisions, there is only a 28 commencement of each work which falls paragraph 2.7 concern the lack of
	days' notice period for the start of the river works within the definition of 'river work'. Inconsultation and not whether plans are
	with no consultation. The Conservators require addition and as noted above, details of the provided. The provisions apply beyond the
	that these provisions are enhanced to provide construction and operation of the outfall construction phase. Consultation is
	better consultation and notification to the need to be submitted and approved by the necessary to ensure the Conservator's
	Conservators.   local planning authority pursuant to proper management of the river and to
	Requirement 10. In particular, it will be avoid disputes. Again, especially on the
	note that the local planning authority must less anticipated post construction period.
	approve the following details:  It is unclear why the Applicant does not
	wish to consult.
	(b) details of any proposed restrictions on
	navigation on the river Cam during
	construction works;
	(c) details of proposed communication of
	restrictions to river users and the Cam
	Conservancy;
	Further, the provision of plans and
	restrictions on river traffic are secured
	through the protective provisions.
	In any event, as shown in the track
	changes, the Applicant is willing to
	increase the notice period to 42 days.

Paragraph 2.8	Fourthly, the Conservators require a provision The Conservators are reminded that 28 The amendments to allow 42 days' notice
	whereby Anglian Water must give the days' notice is required for the interference for commencement of Works No. 31 and
	Conservators advance notice (i.e., at least 6 with rights of navigation and that 28 days) 32 are agreed
	weeks) of when the authorised development notice is also required for any river work.
	commences. This will assist in the Conservators'
	management of the river. This is a major infrastructure project and
	there could be a significant lag between
	when development is commenced (as
	defined in the DCO) and when works may
	impact the River Cam. Further, the
	Applicant has several Requirements (as
	per Schedule 2) which must be approved
	by the relevant local planning authority
	before it can construct and operate the
	authorised development. In particular, as
	per (draft) Requirement 3 (Phasing), the
	undertaker cannot commence work until:
	(1) Save for the enabling phase, the
	authorised development must not be
	commenced until a written scheme setting
	out the subsequent phase or phases of construction of the authorised
	development and the works to form part of
	each phase has been submitted to and
	approved by the relevant planning
	authority
	authority
	However, the Applicant is happy to provide
	42 days' notice of the commencement of
	Work No.s 31 and 32, these being the
	works which will impact the River Cam.
Days area b 2 0	Fifthly, the Consequence require previous to be Detaile of structures and appropriate.
Paragraph 2.9	Fifthly, the Conservators require provisions to be Details of structures and apparatus  The Conservators' comments in included for notice to be given to the Conservators already set out in Project Description and paragraph 2.9 concern 'the maintenance
	included for notice to be given to the Conservators already set out in Project Description and paragraph 2.9 concern 'the maintenance of any intended temporary structure or apparatus detailed outfall drawings (please see
	to be placed over or in the river in connection with document references 4.13.1 to 4.13.5).
	to be biaced over or in the river in connection with pocument references 4.13.1 to 4.13.3).

	the maintenance or renair or renowal of a	atmost may Thomase and atmile of atmost area
	the maintenance or repair or renewal of a	structure'. Therefore details of structures
	permanent structure. The Conservators should be Any temporary structure will form pa	
	permitted within such provisions to impose the 'temporary river work' for which	
	reasonable conditions. days' notice is required, unless it will	
		c on advance notice but the right of the
	An example provision is:  the River Cam, in which case it will be a second of the result of the second of the result of the second of the result of the resu	
		ice is requirements for the works. Again, this is
	"(1) The undertaker must, before placing any also required. Please see paragraph	
	temporary structure or apparatus over the river the protective provisions.	period post construction.
	required in connection with the maintenance or	
	repair or renewal of	The Conservators' proposed amendments
	permanent river work, comply with the	to address this issue is at paragraph 3 of
	reasonable requirements of the relevant	the protective provisions in the attached
	navigation authority, such requirements to	updated draft DCO.
	include— (a) the undertaker providing the	
	relevant navigation authority with 42 days'	
	written notice of this requirement so that the	
	relevant navigation authority may bring these	
	works to the attention of users of the river; and	
	(b) receiving approval from the relevant	
	navigation authority, but on terms that such	
	approval must not be unreasonably withheld or	
	delayed.	
	(2) In the case of any work carried out in an	
	emergency the undertaker is only required to give	
	such notice to the relevant navigation authority as	
	may be reasonably practicable in the	
	circumstances"	
Paragraph 2.10	Sixthly, the Conservators require the The Applicant has amended paragraph	oh The Applicant's comments primarily
	reinstatement of damage provisions to be3(4)(b) as follows:	apply to the construction period and fails
	expanded upon with greater detail and should	to appreciate the ongoing rights for the
	include the following: (4) Upon completion of any river wo	
	the undertaker must—	,
	(a) A general obligation to make good any	The Conservators see no reason why the
	damage as soon as possible following its (a) remove as soon as is reasonably	general obligations cannot be provided
	occurrence including any breach of paragraph practicable any temporary river work	
	3(5) above (as opposed to just the limited associated materials; and	to avoid them.
	obligations at completion of the river works);	
	saligations at completion of the first from of	

soon as is reasonably practicable the site of any following the removal of any temporary temporary river work so as not to cause anyriver work pursuant to paragraph 3(4)(a), suggested on the attached updated draft interference with the movement of river traffic to make good the site of any temporary (i.e.. to put a timeframe on works and for whichertriver work so as not to cause any works should not be assess only on the question|interference with the movement of river of interference);

(b) Paragraph 3(4)(b) should state 'make good as (b)as soon as reasonably practicable traffic.

The Conservators propose that paragraph 3(3) can be improved as DCO.

(c) A general obligation that the works must be Whilst the Applicant hopes that the above carried out without unnecessary delay;

(d) A general obligation that the works must be temporary river work, the Applicant carried out in such a manner as to cause as little considers that it will also be helpful for adverse effects as is reasonably practicable to the the Conservators to note the Applicant's river and not to materially adverse effect the obligation to comply with a construction integrity of the wall or banks of the river; and

maintain at its expense all elements of the river Requirements in Schedule 2. These works including the erosion measures.

will satisfy the Conservators as to its commitment to make good the site of any method statement, a construction environmental management plan and a (e) A general obligation that Anglian Water must code of construction practice, as per the protection Requirements will address the details raised by the Conservators.

> Note also the requirement which is specific to Work No. 32 (the outfall). This is a comprehensive requirement which requires details and approval of:

In relation to the construction of the outfall:

(a) details of ditch habitat creation, monitoring and maintenance measures: (b) details of any proposed restrictions on navigation on the river Cam during construction works; (c) details of proposed communication of restrictions to river users and the Cam Conservancy; and (d) details of public footpath diversions during construction and proposed reinstatement methods

_			
		And	
		In relation to the operation of the outfall:	
		(a) details of proposal for monitoring scour and bank erosion; (b) potential adaptive management measures in the event of erosion arising from outfall operation; (c) the circumstances in which adaptive management measures will be deployed; (d) details of ditch monitoring and maintenance measures; and (e) proposals for the provision and maintenance of any biodiversity net gain comprising river	
		units.	
Paragraph 2.11	Seventhly, the Conservators require provisions to be included enabling the Conservators to require provisions such as fencing around the work site on or near the river for safety. An example provision is:  "Where reasonably required to do so by the relevant navigation authority for the purpose of ensuring the safety of the river the undertaker must, to the reasonable satisfaction of the relevant navigation authority, fence off any river work or take such steps as the relevant navigation authority may reasonably require to be taken for the purpose of separating any river work from the river, whether on a temporary or permanent basis or both."	of Construction Practice Parts A and B (document references 5.4.2.1 and 5.4.2.1, secured by Requirement 8)	enforcement of safety for users of the river. The Conservators must have powers to address safety risks arising from the works if necessary. Such provisions are included at paragraph 6 of the protective provisions in the attached updated draft DCO.
Paragraph 2.12	Eighthly, the Conservators require provisions to be included for baseline surveys for benchmarking the condition of the River Cam pre and post completion of the scheme and then yearly to assist in the assessment and remedy of any damage to the River Cam. This relates to the concern of damage to the river bank and bed from	the Environment Agency. In addition to the requirements of the Environmental Permit, a Flood Risk Assessment is to be agreed with the Environment Agency which will cover any impact to River	addressed through the requested consultee provisions discussed above for Requirement 10.

the outfall pipe as discussed in paragraph 2.6 above. An example provision is:

- "1.—(1) Prior to commencement of the river works, a baseline hydrographic survey will be undertaken by the undertaker. This survey will form the basis for comparison with future surveys described within this paragraph. The results of the survey will be shared with the relevant navigation authority and must form the baseline of future assessments and/or surveys carried out under this paragraph.
- (2) Following commencement of construction of the river works the undertaker must carry out further assessments and surveys of the area of the river under and in the vicinity of the authorised development (and other such reasonable area notified to the undertaker by the relevant navigation authority) in accordance with the following requirements—
- (a) during the period from commencement of the works in the river until the date occurring one year after substantial completion of the works surveys are to be carried out 4 times per calendar year at such times within the year as the relevant navigation authority reasonably directs;
- (b) during the period from the date occurring one year after substantial completion of the works until the date occurring three years after substantial completion of the works surveys are to be carried out 2 times per calendar year at such times within the year as the relevant navigation authority reasonably directs;
- (c) surveys shall be carried out once per calendar year, at such time as the relevant navigation authority reasonably directs, during the period commencing with the date of expiry of the period referred to in paragraph (b) and ending on the

date the river works are removed from the River Cam;

- (e) should a survey carried out during construction show any discernible change has occurred to the river bed levels, localised sediment sampling will be undertaken in the area of change to determine the composition of the material, hydrodynamic modelling will be undertaken to assess the extent to which the new bridge construction activity may have contributed to the change and a detailed report prepared;
- (f) should a survey carried out after construction show either a sudden large change to the river bed level or, over time, that a longer-term trend of change in level pattern has occurred, localised sediment sampling will be undertaken in the affected area to determine the composition of the material, hydrodynamic modelling will be undertaken to assess the extent to which the new bridge construction activity may have contributed to the change and a detailed report prepared;
- (g) the extent of the surveys carried out under this paragraph will be 200 metres upstream and downstream of the centre line of the new bridge covering the full width of the river over this length; and
- (h) all hydrographic surveys mentioned in this paragraph will be undertaken using a suitable multibeam echo-sounder, in accordance with the International Hydrographic Organization Standards for Hydrographic Surveys 5th Edition (February 2008) to Survey Order 1a.
- 2.—(1) In the event that the further surveys or assessment carried out under paragraph 1(2) disclose that the works have resulted in part of the river becoming silted up or subject to scouring

	to the extent that there is, or is likely to be, a		
	materially adverse impact on either the safety or		
	efficiency of navigation of the river or the		
	condition of the works, then the undertaker must		
	dredge the river (or carry out such alternative remedial works as the relevant navigation		
	authority, acting reasonably, approves) to		
	remove the silting or make good the scouring as		
	soon as reasonably practicable to the reasonable		
	satisfaction of relevant navigation authority and		
	at no expense to the relevant navigation		
	authority.		
	ductionity.		
	(2) Where the undertaker is obliged to carry out		
	dredging or remedial works under subparagraph		
	(1), the relevant navigation authority may instead		
	(at its discretion) carry out such dredging or	•	
	works on the undertaker's behalf if the undertaker	•	
	so requests and on condition that the undertaker	•	
	will meet all reasonable costs of the		
	relevant navigation authority"		
Paragraph 2.13	Ninthly, the Conservators require a provision for		
	Anglian Water to indemnify the Conservators from		
	any losses, expenses and costs arising from the		
		anticipates could be suffered as a result of	
		the river works. The Applicant has	
	"(1) Subject to the provisions of this paragraph,		
	the undertaker agrees to indemnify fully and hold		construction period.
	harmless the relevant navigation authority from		
	and against all charges, claims, demands,		
	damages, expenses, liabilities, losses, third party	(1) Subject to the provisions of this	
	liabilities and any other cost and expense of any		
	nature or kind whatsoever (including any reasonable and proper legal and other	indemnify the relevant navigation	
	professional costs incurred by the relevant	authority from and against such-charges,	
	professional costs incurred by the relevant navigation authority) (together, "losses") suffered	ciainis, demands, damages, expenses,	
	or reasonably incurred by the relevant navigation	liabilities and losses, (together, "losses")	
	authority to the extent that any losses are caused	relevant pavigation authority during the	
		construction period of the river works to	
	, , , , , , , , , , , , , , , , , , ,	construction period of the fiver works to	
	1		

(a) the construction, maintenance or failure of thethe extent that any losses are directly authorised development and the river works; or caused by— (b) any act or omission of the undertaker or of(a) the construction, maintenance or its officers, employees, servants, contractors orfailure of a river works or a temporary river agents whilst engaged in work: or (i) the construction or maintenance of the(b) any act or omission of the undertaker authorised development or the river works; or or of its officers, employees, servants, (ii) seeking to remedy any failure of thecontractors or agents whilst engaged authorised development or the river work. in— (2) The relevant navigation authority must(i) the construction of the river work or a mitigate any loss it may suffer or incur as a resulttemporary river work; or of an event that may give rise to a claim under(ii) seeking to remedy any failure of the river work or a temporary river work. sub-paragraph (1). (2) The relevant navigation authority (3) Nothing in sub-paragraph (1) imposes any|must mitigate any loss it may suffer or liability on the undertaker with respect to anylincur as a result of an event that may give losses referred to in that sub-paragraph to therise to a claim under sub-paragraph (1) extent that they are and must, if requested by the undertaker, provide an explanation of how any claim (a) attributable to the negligence or wilfulunder the indemnity in sub-paragraph (1) misconduct of the relevant navigation authority or has been mitigated. of its officers, employees, servants, contractors or (3) Nothing in sub-paragraph (1) imposes agents; or any liability on the undertaker with respect (b) not within the reasonable control of theto any losses referred to in that subparagraph to the extent that they are undertaker. (4) The relevant navigation authority must give to $(\!(a)\!)$  attributable to the negligence or wilfu $\|$ the undertaker notice in writing of any losses for misconduct of the relevant navigation which the undertaker may be liable under this authority or of its officers, employees, servants, contractors or agents; or paragraph and no settlement or compromise of them may be made (b) not within the reasonable control of the without the written consent of the undertaker or of its officers, employees, undertaker."

servants, contractors or agents.

(4) The relevant navigation authority must give to the undertaker notice in writing of

	any losses for which the undertaker may	
	be liable under this paragraph as soon as	
	reasonably possible and no settlement or	
	compromise of them may be made without	
	the prior written consent of the undertaker	
	which, if it notifies the relevant navigation	
	authority that it desires to do so, shall have	
	the sole conduct of any settlement or	
	compromise or of any proceedings	
	necessary to resist the claim or demand	
	provided that no settlement or	
	compromise of any such claim or demand	
	shall be made without the consent of the	
	relevant navigation authority (which shall	
	not be unreasonably withheld). If consent	
	is not given by the undertaker, the	
	relevant navigation authority shall	
	diligently defend such claim or demand."	
Paragraph 2.14	Tenthly, and finally, the Conservators consider it The Applicant does not anticipate any may be beneficial for there to be included some practical issues as a result of the mooring vessels removal of vessel powers.  of vessels. If the Conservators have a concern, please explain in order that it may be considered further.  may be considered further.  mooring intentic works a navigat construction proposed cause a area. A comple extingular enforce.  According the Applicant does not anticipate any the mooring of vessels. If the Conservators have a concern, please explain in order that it may be considered further.  According to the mooring vessels absence in the concern, please explain in order that it may be considered further.	n enforcement powers to remove is may not be required, in the se of the Conservators having of removal/dispersal, any vessel ag illegally (either unwittingly or onally) to the perimeter of the area may cause obstruction to the tion, in particular during the action of the outflow, along the ed pontoons, which will already a narrowing to the navigating additionally, once work is eted, the current proposal is to a uishment of the navigation (and ament rights/responsibilities).
D 1 2 1 5		
Paragraph 2.15	Additional temporary suspension rights to those Please see below.	
	specifically granted above under the provisions	

for 'Rights on the River Cam' are then provided. As previously mentioned, our preference is that these should sit with the 'Rights' provision section and not within the protective provisions section. The provisions state as follows:

- "4.— (1) The undertaker must provide for the approval of the relevant navigation authority together with the plans provided pursuant to paragraph 3(1)(a) details of the extent of any temporary suspension of rights of navigation required pursuant to article 44(2) in order to carry out the relevant river work and the undertaker must not interfere with any rights of navigation pursuant to article 44(2) except in accordance with this paragraph.
- (2) The relevant navigation authority must respond in writing within 28 days of the request for consent under sub-paragraph (1) to either give consent to the details as submitted or suggest amendments to the details provided, but any such amendment must not materially affect or delay the efficient delivery of the relevant river work.
- (3) If the relevant navigation authority provides pursuant to sub-paragraph (2) any suggested amendments to the details provided, the undertaker must within 14 days confirm whether those amendments are accepted and in the event the undertaker agrees to the amendments, the undertaker must carry out the relevant river work in accordance with those amendments. In the event the undertaker does not agree to the amendments, the relevant river work is to be undertaken in accordance the originally submitted details.
- (4) If the relevant navigation authority fails to respond to the undertaker's request for consent

		<u> </u>	
	pursuant to this paragraph 4 within 28 days,		
	consent is deemed to have been given."		
Paragraph 2.16	unreasonable conditions imposed.	that the Conservators fail to respond. It is therefore in the Conservators' power to prevent deemed consent applying by acknowledging and responding to the Applicant's request for consent.  Deemed consent is required for all protective provisions and has been justified in the Explanatory Memorandum at paragraph 6.1.5 as follows:	consent comments of the Conservators. The Conservators accept such deemed consent subject to a 42 day period. It should be appreciated that the Conservators is a voluntary organisation, and therefore tight timescales are unreasonable.  However, the Applicant has not addressed the comments on the consent provisions not needing compliance if disagreed with by the Applicant. That is not a consent. The Conservators maintain that if there is a dispute on the consent then it must be resolved by arbitration. The Applicant cannot simply ignore requirements they do not agree. Proposed wording has been added to the attached updated draft
Paragraph 2.17	The final part relates to disputes. It states: "5. Any difference arising between the undertaker and the relevant navigation authority under this Part of this Schedule (other than a difference as to the meaning or construction of this Part of this Schedule) must be referred to and settled by		

	arbitration in accordance with article 52 (arbitration)."
Paragraph 2.18	The arbitration provisions have not been provided The arbitration article is as per Article 52 to us and as we understand are yet to be drafted of the draft DCO. in the current draft of the overall DCO. The Conservators make no comment upon such provisions at this time other than we can confirm that in principle dispute resolution by arbitration is acceptable to the Conservators.