

Cambridge Waste Water Treatment Plant Relocation Project  
Anglian Water Services Limited

# Statement of Common Ground: Cambridge Water

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## Document Control

**Document title** Statement of Common Ground between Anglian Water Services Limited and Cambridge Water

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**Version No.** 1

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**Date Approved**

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**Date 1<sup>st</sup> Issued** June 2022

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## Version History

<b>Version</b>	<b>Date</b>	<b>Description of change</b>
1	30.06.2022	First draft for approval following end of Consultation Phase 3
2	20.06.23	Amended following submission of Application
3	13.11.23	Format update for Submission at Deadline 1.
<u>4</u>	<u>17/01/2024</u>	<u>Updated following agreement of Protective Provisions</u>
<u>5</u>	<u>24/01/2024</u>	<u>Updated to include correspondence from Cambridge Water regarding the potable water supply as requested at ISH3.</u>

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# 1 Introduction

## 1.1 Purpose of this document

- 1.1.1 This Statement of Common Ground (“SoCG”) is submitted as part of an application by Anglian Water Services Limited (“Applicant”) for a Development Consent Order (DCO) under the Planning Act 2008 (‘the Application’).
- 1.1.2 The Application is for the provision of a new modern, low carbon waste water treatment plant for Greater Cambridge (“The Project”). The project is an enabler of sustainable growth. The relocation of the existing works, from its current site, will unlock the last large brown field site in Greater Cambridge and allow the creation of a new city district and provide much needed housing and commercial space in a sustainable location, with access to transport, jobs and recreational opportunities.
- 1.1.3 The Applicant has engaged with Cambridge Water in its role as the statutory water undertaker for the city of Cambridge and its catchment and as statutory consultee and the statutory undertaker responsible for the provision and improvement of water and supporter of sustainable growth.
- 1.1.4 The Applicant has entered into this SoCG to reflect the engagement with Cambridge Water and the technical expertise they have provided in relation to the project. It has been prepared in accordance with the guidance <sup>1</sup> published by the Department of Communities and Local Government.
- 1.1.5 To date, Cambridge Water have provided formal views on draft proposals at various stages of the design development.
- 1.1.6 In this SoCG, reference to ‘the parties’ means the Applicant and Cambridge Water.
- 1.1.7 This SoCG has been prepared to identify matters agreed and matters currently outstanding between the Applicant and Cambridge Water.

## 1.2 Approach to the SoCG

- 1.2.1 The SoCG will evolve as the DCO application progresses to submission and through examination. It is structured as follows.
- Section 2 confirms the pre-application consultation undertaken to date between the Applicant and Cambridge Water.
  - Section 3 identifies any relevant documents on which the agreements recorded in this SoCG were reached.
  - Section 4 provides a summary of matters that have been agreed, those still under discussions and any matters not agreed.

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<sup>1</sup> Planning Act 2008: Guidance for the examination of applications for development consent. Available at: [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/8369/2130206.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/8369/2130206.pdf)

<b>Agreed</b>	indicates where the issue has been resolved and is recorded in <b>Green</b> and marked “ <b>Low</b> ”
<b>Under Discussion</b>	indicates where these issues or points will be the subject of on-going discussion whenever possible to resolve or refine the extent of disagreement between the parties and is recorded in <b>Amber</b> and marked “ <b>medium</b> ”
<b>Not Agreed</b>	indicates a final position and is recorded in <b>Red</b> and marked <b>high</b>

- Section 5 includes the signatures of all parties to confirm their agreement that this SoCG is an accurate record of issues and discussions as at the date of this SoCG.

## 1.3 Status of the SoCG

1.3.1 This version of the SoCG represents the position between the Applicant and Cambridge Water as of 17 January 2024. (~~covering the pre-examination stage of the process~~). The SoCG will continue to be reviewed, discussed and progressed through examination stages as well as any actions arising from the Issue Specific Hearings.

1.3.1.3.2 A Principle Areas of Disagreement document on specific points between SoCG’s will be updated and submitted to the Examining Authority (ExA) during the examination to reflect issues that require further discussion to achieve agreement.

## 2 Consultation and engagement

2.1.1 The Applicant has engaged with Cambridge Water in a series of meeting on separate topics. A full table recording the consultations that have taken place to date between the parties to this SoCG in connection with the proposed development and how it has informed the DCO application are set out in full in Table [ ] below and form the initial basis of this SoCG.

## 3 Documents considered in this SoCG

3.1.1 In reaching common ground on the matters covered in this SoCG, the parties made reference to the following:

- Indicative route lines of proposed Cambridge water trunk mains from Fulbourn to Milton and from Horningsea to Waterbeach New Town Development.
- Chapter 20 Water Resources DCO Application (App.Doc Ref 5.2.20)
- Waterbeach Pipeline Design Routes DCO Application (App Doc Ref 4.2.0-4.2.10)

## 4 Matters Agreed

4.1.1 The Applicant and Cambridge Water have worked together on proposed main laying projects which will pass through the area affected by the Project.

**Table 4.2: Details the summary and status of matters agreed**

Topic	Status	Record of agreement
<b>Mains laying Projects</b>		
The Applicant and Cambridge water agree the two main laying project routes as set out in Cambridge Water’s response to Consultation Phase 2 do not conflict with the timing or location of the Waterbeach rising main routes.		Email dated 10 May 2022 from John Brook to Kathryn Taylor
<b>Water Reuse</b>		
The Applicant and Cambridge Water agree the potential for water re-use sits outside the remit of the Project but agree that there has been allocated space within the layout of the new facility to accommodate future water re-use options.		Meeting 21 September 2021.
<b>Interim Supply options</b>		
The Applicant and Cambridge Water agree that the interim supply measures presented by both Parties in their Water Resource Management Plans for 2024-2029 will allow for growth.		Meeting 23 May 2022
<b>Water Quality</b>		
The Applicant and Cambridge Water agree that design of the CWWTPR are expected to lead to improvements in water quality.		Meeting 23 May 2022
<b>Protective Provisions</b>		
The Applicant have agreed the Protective Provisions as set out in the attached Appendix <a href="#">24</a> .		Email 20 June 2023
<b>Potable Water Connection</b>		
Cambridge Water in correspondence dated <a href="#">24 January 2024</a> <a href="#">[ ]</a> confirms that there is no impediment to the CWWTPR project new supply connection. <a href="#">This confirmation and full correspondence is attached in Appendix 3.</a>		<a href="#">24 January 2024</a>

## 4.2—Matters still under discussion

**Table 4.1: Details the summary and status of matters still under discussion**

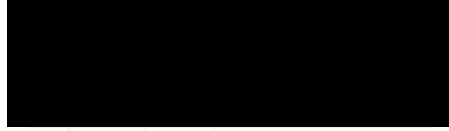
<b>Matter</b>	<b>Status</b>	<b>Actions</b>
Further comments or discussion on water resources and water efficiency measures and draft WRMP's		Comments are sought from Cambridge Water Relevant Representations to confirm that they do not anticipate any impact from the Project on the potable water supply given that this is a relocation of an existing site and that the proposed water requirements for the new WWTP do not adversely affect the ability to supply capabilities of Cambridge Water.

## 5 Agreement on this SoCG

This Statement of Common Ground has been jointly agreed by:

**Name:** Mark Malcolm \_\_\_\_\_

**Signature:**



**Position:** Programme Director Major Infrastructure \_\_\_\_\_

**On behalf of:** Anglian Water Services Limited

**Date:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Position:**

**On behalf of:** Cambridge Water

**Date:** \_\_\_\_\_

[add signature for any other parties]



## 6 Appendix 1

**Table 1.1: Schedule of engagement undertaken to date between the parties**

<b>Date</b>	<b>Details</b>
February 2020	Informal discussions between The Applicant and Cambridge Water to identify background to the project, current position with site selection and phase 1 consultation and the need for the Parties to identify any conflicting infrastructure routes between the Parties and main laying projects
17 August 2021	Meeting to update on the Project and the inclusion of the Waterbeach development within the Project.
21 September 2021	Meeting with the Parties and the Environment Agency to review water re-use options in the catchment and emerging developments within the catchment.
23 May 2022	Meeting between the Parties to review water strategy and long term planning and interim supply options.

## Appendix 2

### PART 1

#### FOR THE PROTECTION OF CAMBRIDGE WATER

1. For the protection of Cambridge Water the following provisions of this Part of this Schedule have effect unless otherwise agreed in writing between the undertaker and Cambridge Water.

2. This Part of this Schedule does not apply to apparatus in respect of which the relations between the undertaker and Cambridge Water are regulated by the provisions of Part 3 of the Water Industry Act 1991.

3. In this Part of this Schedule—

“alternative apparatus” means alternative apparatus adequate to enable Cambridge Water to fulfil its statutory functions in no less efficient a manner than previously;

“apparatus” means any works, mains, pipes or other apparatus belonging to or maintained by Cambridge Water for the purposes of water supply and any drain or works vested in Cambridge Water under the Water Industry Act 1991<sup>(2)</sup> and any sewer which is so vested in Cambridge Water or is the subject of a notice of intention to adopt by Cambridge Water given under section 102(4) of that Act or an agreement to adopt by Cambridge Water made under section 104 of that Act, and includes a sludge main, disposal main (within the meaning of section 219 of that Act) or sewer outfall and any manholes, ventilating shafts, pumps or other accessories forming part of any such sewer, drain or works, and any structure in which apparatus is or is to be lodged or which gives or will give access to apparatus;

“Cambridge Water” means Cambridge Water PLC (Company Registration Number 03175861) whose registered office is situated at 90 Fulbourn Road, Cherry Hinton, Cambridge, CB1 9JN and includes its successors in title or any successor in functions as a water undertaker within the meaning of the Water Industry Act 1991;

“functions” includes powers and duties;

“in”, in a context referring to apparatus or alternative apparatus in land, includes a reference to apparatus or alternative apparatus under, over or upon land;

“plan” includes sections, drawings, specifications and method statements; and

“standard protection strips” means the strips of land falling the following distances to either side of the medial line of any relevant pipe or apparatus: 2.25 metres where the diameter of the pipe is less than 150 millimetres, 3.5 metres where the diameter of the pipe is between 150 and 450 millimetres, 5 metres where the diameter of the pipe is between 450 and 750 millimetres and 6 metres where the diameter of the pipe exceeds 750 millimetres.

#### Apparatus of Cambridge Water

4. The undertaker must not interfere with, build over or build within 6 metres of any apparatus within the Order land or execute the placing, installation, bedding, packing, removal, connection or disconnection of any apparatus or execute any filling around the apparatus (where the apparatus is laid in a trench) within the standard protection strips unless otherwise agreed in writing with Cambridge Water.

5. If, in the exercise of the powers conferred by this Order, the undertaker requires the alteration, extension, removal or re-location of any apparatus, then that alteration, extension, removal or re-location of any apparatus must not be implemented by the undertaker until—

- (a) any requirement for any permits under the Environmental Permitting (England and Wales) Regulations 2016<sup>(3)</sup> or other legislation and any other associated consents are obtained, and any

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<sup>(2)</sup> 1991 c. 56.

<sup>(3)</sup> S.I. 2016/1154.

approval or agreement required from Cambridge Water on alternative outfall locations as a result of such re-location are approved;

- (b) the undertaker has made the appropriate application required under the Water Industry Act 1991 together with a plan and section of the works proposed and Cambridge Water has agreed all of the contractual documentation required under the Water Industry Act 1991; and
- (c) Cambridge Water has been consulted upon the proposed position of the alternative apparatus and such consultation has given Cambridge Water no less than 60 days within which to respond,

and such works to be executed only in accordance with the plan, section and description submitted and in accordance with the written approval of, and such reasonable requirements as may be made by Cambridge Water for the alteration or otherwise for the protection of the apparatus, or for securing access to it, and an officer of Cambridge Water is entitled to watch and inspect the execution of those works.

6. Regardless of any provision in this Order or anything shown on any plan, the undertaker must not acquire any apparatus otherwise than by agreement.

### **Acquisition of land**

7. In the situation, where in exercise of the powers conferred by the Order, the undertaker acquires any interest in any land in which apparatus is placed, or which has the effect of impacting on any existing apparatus owned by Cambridge Water, and such apparatus is to be relocated, extended, removed or altered in any way, no alteration or extension can take place until the undertaker has given Cambridge Water written notice of that requirement and Cambridge Water has established to its reasonable satisfaction, contingency arrangement in order to conduct its functions for the duration of the works to relocate, extend, remove or alter the apparatus and for the avoidance of doubt the undertaker will indemnify Cambridge Water in respect of the costs of any such contingency arrangements reasonably required by Cambridge Water including any requirement to remove any existing apparatus.

8. Where the undertaker is notifying Cambridge Water of any proposed works under this Part of this Schedule then unless otherwise agreed between the parties, the following will be provided to Cambridge Water—

- (a) the exact position of the works;
- (b) the level at which they are proposed to be constructed, renewed or moved;
- (c) the manner of their construction or renewal including details of excavation and positioning of plant;
- (d) the position of all apparatus including existing apparatus and apparatus to be retained;
- (e) detailed drawings showing the alterations proposed to the apparatus; and
- (f) any maintenance required.

9. Before extinguishing any existing rights for Cambridge Water to use, keep, inspect, renew and maintain its apparatus in the Order land, the undertaker must, with the agreement of Cambridge Water, create a new right to use, keep, inspect, renew and maintain the apparatus and such right must not be materially more onerous for Cambridge Water, such agreement not to be unreasonably withheld or delayed, and to be subject to arbitration under article 52 (arbitration).

### **Access**

10. If in consequence of the exercise of the powers conferred by the Order the access to any apparatus is materially obstructed the undertaker must provide such alternative means of access to such apparatus as will enable Cambridge Water to maintain or use the apparatus no less effectively and no less onerously (including having regard to maintenance costs) than was possible before such obstruction.

### **Unmapped apparatus**

11. If in consequence of the exercise of the powers conferred by the Order, previously unmapped lateral drains or other apparatus are identified by the undertaker, notification of the location of such assets

will immediately be given to Cambridge Water and afforded the same protection as other Cambridge Water assets.

### **Costs**

12. If for any reason or in consequence of the construction of any of the works referred to in paragraphs 7 to 9 and 11 of this Part of this Schedule any damage is caused to any apparatus (other than apparatus the repair of which is not reasonably necessary in the view of Cambridge Water due to its intended removal for the purposes of those works) or property of Cambridge Water, or there is any interruption in any service provided, or in the supply of any goods, by Cambridge Water, the undertaker must—

- (a) bear and pay the cost reasonably incurred by Cambridge Water in making good any damage or restoring the supply; and
- (b) make reasonable compensation to Cambridge Water for any other expenses, loss, damages, penalty or costs incurred by Cambridge Water (and for the avoidance of doubt this shall include any costs incurred due to an interruption in service to customers),

by reason or in consequence of any such damage or interruption save that nothing in this paragraph shall impose liability on the undertaker to the extent that such costs are attributable to the neglect or default of Cambridge Water, its officers, employees, contractors or other agents.

### **Expenses**

13.—(1) The undertaker must repay to Cambridge Water the expenses incurred by Cambridge Water in, or in connection with, the inspection, removal, alteration or protection of any apparatus or the construction of any new apparatus (including costs or compensation payable in connection with the acquisition of land for that purpose) which may be required in consequence of the execution of any of the authorised works.

(2) There will be deducted from any sum payable under sub-paragraph (1) the value of any apparatus removed under the provisions of this Part of this Schedule and which is not re-used as part of the alternative apparatus, that value being calculated and determined by Cambridge Water after removal.

(3) If in accordance with the provisions of this Part of this Schedule—

- (a) apparatus of better type, of greater capacity or of greater dimensions is placed in substitution for existing apparatus of worse type, of smaller capacity or of smaller dimensions (save where it is not possible in the circumstances (including due to statutory or regulatory changes) to obtain the existing type of apparatus at the same capacity and dimensions or place at the existing depth); or
- (b) apparatus (whether existing apparatus or apparatus substituted for existing apparatus) is placed at a depth greater than the depth at which the existing apparatus was situated,

and the placing of apparatus of that type or capacity or of those dimensions or the placing of apparatus at that depth, as the case may be, is not agreed by the undertaker or, in default of agreement, is not determined by arbitration in accordance with Article 52 to be necessary, then, if such placing involves cost in the construction of works under this Part of this Schedule exceeding that which would have been involved if the apparatus placed had been of the existing type, capacity or dimensions, or at the existing depth, as the case may be, the amount which apart from this sub-paragraph would be payable to Cambridge Water by virtue of sub-paragraph (1) will be reduced by the amount of that excess save where it is not possible in the circumstances (including due to statutory or regulatory changes) to obtain the existing type of apparatus at the same capacity and dimensions or place at the existing depth in which case full costs will be borne by the undertaker.

(4) For the purposes of sub-paragraph (3)—

- (a) an extension of apparatus to a length greater than the length of existing apparatus will not be treated as a placing of apparatus of greater dimensions than those of the existing apparatus; and

(b) where the provision of a joint in a pipe or cable is agreed, or is determined to be necessary, the consequential provision of a jointing chamber or of a manhole will be treated as if it also had been agreed or had been so determined.

(5) An amount which apart from this sub-paragraph would be payable to Cambridge Water in respect of works by virtue of sub-paragraph (1) will, if the works include the placing of apparatus provided in substitution for apparatus placed more than 7 years and 6 months earlier so as to confer on Cambridge Water any financial benefit by deferment of the time for renewal of the apparatus in the ordinary course, be reduced by the amount which represents that benefit.

### **Co-operation**

**14. Any approval of Cambridge Water required under this Part of Schedule 15—**

(a) must not be unreasonably withheld or delayed;

(b) must be given in writing; and

(c) will be deemed to have been given if neither given nor refused within 42 days of the receipt of the information for approval or, where further particulars are requested by Cambridge Water within 42 days of receipt of the information to which the request for further particulars relates.

# Appendix 3

**From:** John Brock <[REDACTED]>  
**Sent:** 24 January 2024 09:40  
**To:** Kathryn Taylor <[REDACTED]>  
**Cc:** Mike Sloan <[REDACTED]>  
**Subject:** Potable water supply for Cambridge [Waste Water](#) Treatment relocation project

You don't often get email from [REDACTED]

**\*EXTERNAL MAIL\*** - Please be aware this mail is from an external sender - THINK BEFORE YOU CLICK

Dear Kathryn,

I can confirm that we have been in correspondence with your design team (principally Ben Lyons at Sweco UK Ltd, March – May 2022), and have discussed the potable water requirements for the relocated waste water treatment works. We would be able to supply your anticipated peak demand from our existing 200 mm main in Horningsea Road.

In order to proceed, you will need to fill in our "*Application for non-standard new water connections of 32 mm or above*". We will then provide a formal quotation for the connection. I would suggest that you submit the application form about six months before you actually need the water to be available.

I have attached the previous correspondence for your information.

Regards  
John  
John Brock  
Network Engineer (Cambridge Region)  
South Staffs Water



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**From:** [REDACTED]  
**Sent:** Monday, May 16, 2022 3:23 PM  
**To:** John Brock [REDACTED]; Alan Swann [REDACTED]; Buchanan, Annelle [REDACTED]  
**Cc:** Mike R. Sloan <[REDACTED]>; Alan Swann [REDACTED]; Buchanan, Annelle [REDACTED]  
**Subject:** RE: Cambridge WwTP Relocation Project - Potable Water Network

Hi John,

Thanks for this. That's a good point regarding the flow control valves, I have noted this and also put it in our project DRA.

I will be back in touch should we require a quotation.

Cheers

Kind regards

Ben Lyons MEng (Hons) AMIMechE  
Mechanical Engineer - Cambridge WwTP Relocation Project

Sweco UK Limited | Leeds  
[REDACTED]



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**From:** John Brock [REDACTED]  
**Sent:** 16 May 2022 14:10  
**To:** Lyons, Ben [REDACTED]; Alan Swann [REDACTED]; Buchanan, Annelle [REDACTED]  
**Cc:** Mike R. Sloan <[REDACTED]>; Alan Swann [REDACTED]; Buchanan, Annelle [REDACTED]  
**Subject:** RE: Cambridge WwTP Relocation Project - Potable Water Network

Hi Ben

10 – 15 l/s sounds a bit more like it. We would be happy to provide you with a quotation when you are ready. You will need to fill in our *Application for Non-standard new water connections of 32 mm or above*:

[https://www.cambridge-water.co.uk/media/3200/non-standard-form\\_cam\\_apr2021.pdf](https://www.cambridge-water.co.uk/media/3200/non-standard-form_cam_apr2021.pdf)

Whatever size the connection ends up as, please could I urge you to consider using flow control valves which operate as slowly as possible – in recent years we have seen an increasing tendency for commercial customers to fit valves which go from fully closed to fully open in a few seconds, only to go fully closed again a few minutes later, putting unnecessary stress on our network and the customers' pipework.

Please don't hesitate to get in touch if you need any further information.

Regards

John

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**From:** Lyons, Ben [REDACTED]  
**Sent:** 16 May 2022 12:08  
**To:** John Brock  
**Cc:** Mike R. Sloan; Alan Swann; Buchanan, Annelle; [REDACTED]  
**Subject:** RE: Cambridge WwTP Relocation Project - Potable Water Network

Hi John,

The peak demand is based on all potable users requiring flow at the same time, and whilst this is a possibility, it would be very unlikely. Apologies, I probably should have stressed this in my previous email.

At this stage it is difficult for me to give a certain figure for average or normal "peak" usage following construction and commissioning, but if I had to estimate, I would put this in the region of **10-15 l/s**, with flow most of the time being a fraction of this. Essentially, under normal conditions, potable water demand would just be for site welfare facilities and the laboratory, with polymer makeup water tanks for certain processes requiring to be refilled at set intervals.

Would these figures be more acceptable? I have noted your comments regarding the 25l/s demand and issues with changing the flow rate.

Cheers

Kind regards

Ben Lyons MEng (Hons) AMIMechE  
Mechanical Engineer - Cambridge WwTP Relocation Project

[Sweco UK Limited](#) | Leeds  
[REDACTED]



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**From:** John Brock <[REDACTED]>  
**Sent:** 16 May 2022 11:34  
**To:** Lyons, Ben <[REDACTED]>  
**Cc:** Mike R. Sloan <[REDACTED]>; Alan Swann <[REDACTED]>; Buchanan, Annelle <[REDACTED]>  
**Subject:** RE: Cambridge WwTP Relocation Project - Potable Water Network

Hi Ben

Your figure for peak instantaneous demand seems very high in relation to the daily total demand. If you were to take water at 25 l/s, the anticipated daily total of 65 m3 would be reached in about 45 minutes. Although our main in Horningsea Road would be able to provide a flow of 25 l/s, this would represent a significant proportion of the flow in the main, and very great care would be needed when changing the rate of flow, in order to prevent the main from bursting. Please would you have a look to see what could be done to reduce the peak flow requirement.

Regards

John



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**From:** Lyons, Ben [REDACTED]  
**Sent:** 13 May 2022 10:07  
**To:** John Brock  
**Cc:** Mike R. Sloan; Alan Swann; Buchanan, Annelle; [REDACTED]  
**Subject:** RE: Cambridge WwTP Relocation Project - Potable Water Network

Hi John,

Thanks for getting back to me.

We would be looking at a permanent peak demand of approximately **25l/s** following completion of construction and commissioning.

In terms of total daily use, this would be approximately **65m<sup>3</sup>/day**.

Thank you for offering to carry out some modelling of the network – I will ask our design manager whether we require that at this stage and get back to you.

Cheers

Kind regards

Ben Lyons MEng (Hons) AMIMechE  
Mechanical Engineer - Cambridge WwTP Relocation Project

Sweco UK Limited | Leeds  
[REDACTED]



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**From:** John Brock <[REDACTED]>  
**Sent:** 12 May 2022 15:01  
**To:** Lyons, Ben [REDACTED]  
**Cc:** Mike R. Sloan [REDACTED]; Alan Swann [REDACTED]; Buchanan, Annelle [REDACTED]  
**Subject:** RE: Cambridge WwTP Relocation Project - Potable Water Network

Hi Ben

Please would you clarify whether the 30 l/s represents everyday usage, or whether, once construction and commissioning is complete, you would expect everyday peak demand to be less.

Can you give an indication of anticipated total daily use once construction and commissioning is complete?

Our 200 mm main in Horningsea Road should be able to deliver the water required for fire fighting, but we would need to do some modelling in order to give an estimate of the likely residual pressure in the main under these conditions. Please let me know if you would like us to go ahead with this.

Regards

John

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**From:** Lyons, Ben [REDACTED]  
**Sent:** 11 May 2022 11:09  
**To:** John Brock  
**Cc:** Mike R. Sloan; Alan Swann; Buchanan, Annelie; [REDACTED]  
**Subject:** RE: Cambridge WwTP Relocation Project - Potable Water Network

Hi John,

Hope you are well.

I came to you a couple of months ago for a bit of information on the potable water network around the proposed new site for the Cambridge WwTP Relocation, and I am now in a position where I can provide a bit of an update on this. I now have an estimate based on requirements during construction, commissioning and everyday usage, and we are currently looking at a maximum demand of approximately **30l/s**. Is this something that could be provided by the existing network if required?

I have also been looking at firefighting provision, which will require an additional **75l/s** if potable water is selected as the source for this. I appreciate this is quite a large additional requirement and we are looking at other options for firefighting provision if the current potable network cannot provide this.

I would be grateful if I could get your thoughts on the above at this stage. I have also copied in my colleagues on the project Annelie Buchanan (Lead Process Engineer) and Steve Riley (Lead Commissioning Engineer).

Cheers

Kind regards

Ben Lyons MEng (Hons) AMIMechE  
Mechanical Engineer - Cambridge WwTP Relocation Project

Sweco UK Limited | Leeds  
[REDACTED]



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**From:** Lyons, Ben  
**Sent:** 16 March 2022 14:49  
**To:** John Brock [REDACTED]  
**Cc:** Mike R. Sloan [REDACTED]; Alan Swann [REDACTED]  
**Subject:** RE: Cambridge WwTP Relocation Project - Potable Water Network

Thank you very much for this John.

I will confirm the potable water requirements with the design team and get back to you.

Cheers

Kind regards

Ben Lyons MEng (Hons) AMIMechE  
Mechanical Engineer - Cambridge WwTP Relocation Project

Sweco UK Limited | Leeds  
[REDACTED]



**From:** John Brock [REDACTED]  
**Sent:** 15 March 2022 09:02  
**To:** Lyons, Ben [REDACTED]  
**Cc:** Mike R. Sloan [REDACTED]; Alan Swann [REDACTED]  
**Subject:** RE: Cambridge WwTP Relocation Project - Potable Water Network

Hi Ben

We have a 200 mm main which runs along Horningsea Road. This is supplied from our 450 mm main approximately 250 m south of the A14, so hopefully we will be able to provide you with what you need. Once you have got an idea of anticipated demand, please let me know and we can look at it in more detail.

You may have heard that we are currently trying to find a route for a new trunk main in this area. It is likely that this will run parallel with the 200 mm main, but to the east of the new treatment works. Even if this goes ahead, we would not be able to offer you a supply from it, so please work on the basis that water is available in Horningsea Road.

Regards

John Brock

Network Engineer

Cambridge Water  
[REDACTED]



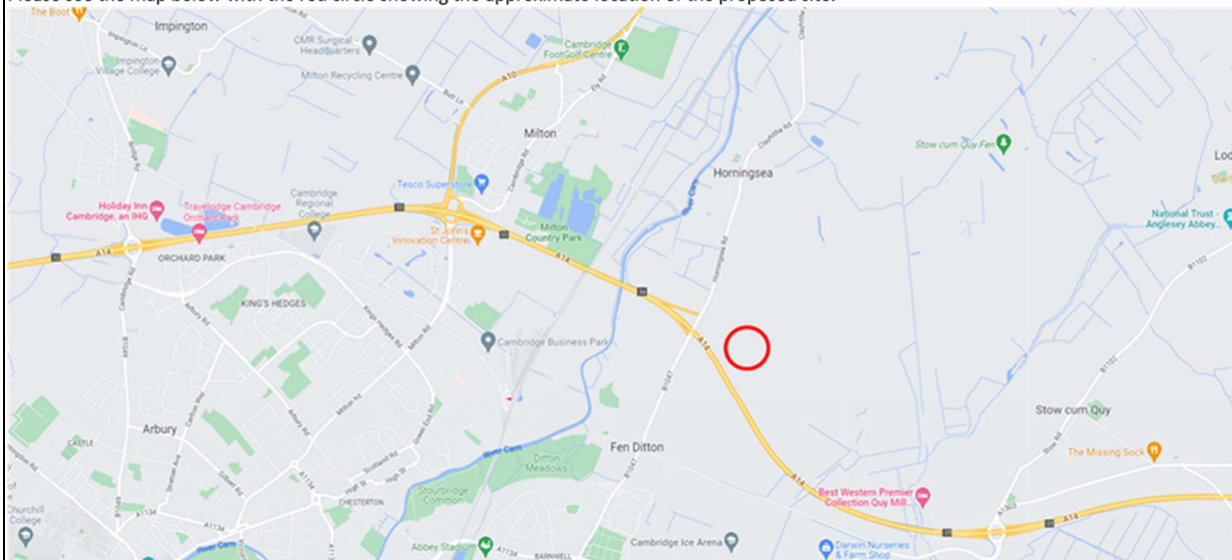
**From:** Lyons, Ben [REDACTED]  
**Sent:** 08 March 2022 16:21  
**To:** Mike R. Sloan [REDACTED]  
**Subject:** Cambridge WwTP Relocation Project - Potable Water Network

Hi Mike / John,  
Hope you are both well.

I am currently working in the design team on the Cambridge WwTP Relocation Project, and I am looking at potential potable water requirements for the new site. I have been passed your contact details by Kathryn Taylor at Anglian Water, who mentioned that they have spoken to you previously regarding the project.

I was wondering if you would be able to assist me with obtaining some information from Cambridge Water on their existing potable network in the Honey Hill area, just off Horningsea Road, which is the proposed location of the new Cambridge WwTP that will replace the existing Cambridge Milton works. My aim is to try to get an idea of the location and capacity of the current potable water network in the area, and what kind of flow and pressure we would be able to have access to from the new site. This way we can look at designing the potable water layout and distribution on the new site to fit in as much as possible with the existing network.

Please see the map below with the red circle showing the approximate location of the proposed site.



Any assistance on this would be much appreciated.

Many thanks

Kind regards

Ben Lyons MEng (Hons) AMIMechE  
Mechanical Engineer - Cambridge WwTP Relocation Project

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[REDACTED]

## Get in touch

You can contact us by:



Emailing at [info@cwwtpr.com](mailto:info@cwwtpr.com)



Calling our Freephone information line on **0808 196 1661**



Writing to us at **Freepost: CWWTPR**



Visiting our website at [www.cwwtpr.com](http://www.cwwtpr.com)

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

<https://infrastructure.planninginspectorate.gov.uk/projects/eastern/cambridge-waste-water-treatment-plant-relocation/>