

[REDACTED]

---

**From:** EIR  
**Sent:** 26 March 2025 14:47  
**To:** [REDACTED]  
**Subject:** [REDACTED]  
**Attachments:** EDM 2024 Harlaxton STW.xlsx; HARLAXTON STW Discharge Permit.pdf; Harlaxton WRC Sample Results.xlsx

Dear requester

### Provision of requested information

Thank you for your request for information about capacity of foul and surface water drainage in Harlaxton, which we received on 26 February 2025. Your request has been considered under the Environmental Information Regulations 2004.

1. Current Capacity: What is the designed and actual operating capacity of the Harlaxton Water Recycling Centre (WRC) in terms of the number of homes it can serve?

Harlaxton WRC is consented for 300m<sup>3</sup> of Dry Weather Flow (DWF) per day, which is the population equivalent (PE) of 1177 from out 2024 return data

Our Drainage and Wastewater Management Plan (DWMP) looks at different catchments and has projected population equivalence for 2030 to 2050, which informs the basis for long term investment. Please see the following links:

<https://www.anglianwater.co.uk/siteassets/household/about-us/dwmp/dwmp-1.pdf>

<https://www.anglianwater.co.uk/corporate/strategies-and-plans/drainage-wastewater-management-plan/>

<https://www.anglianwater.co.uk/corporate/strategies-and-plans/drainage-wastewater-management-plan/draft-plan/level-3-summary/>

Anglian Water aims to be proactive in responding to new planning applications by conducting capacity assessments on our network and the receiving WRC for proposed sites.

2. Existing Usage: What proportion of the total flow received at the WRC originates from Harlaxton residents?

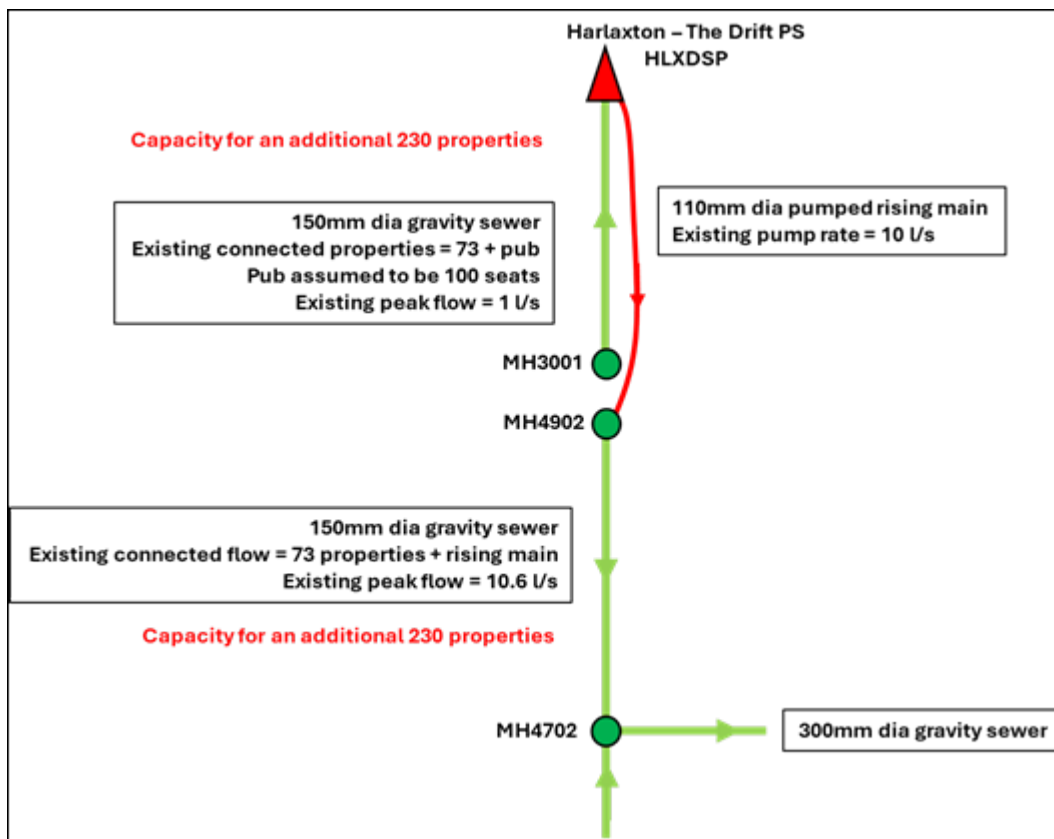
All flows received at Harlaxton WRC come from Harlaxton or Denton. For clarity, no flows come from Grantham, Barrowby, Little Ponton, Stroxtun, Hungerton, Croxton Kerrial, Woolsthorpe or Casthorpe.

3. Pipe Network Capacity: What is the current capacity of the foul wastewater pipe network running from the centre of Harlaxton to the WRC, and how much additional load, in terms of the number of homes, can it accommodate?

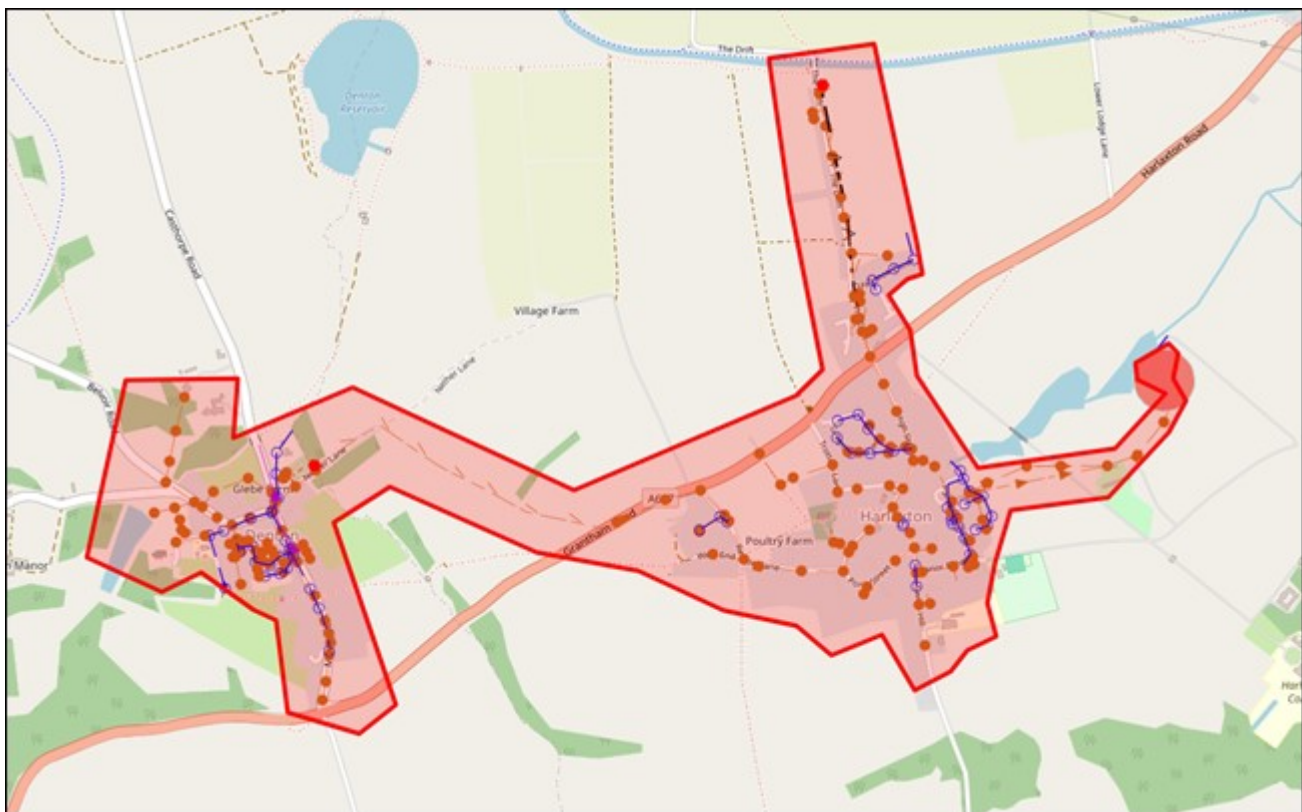
There is a 150mm dia gravity sewer running down High Street and The Drift in Harlaxton

The network is split into 2 sections –

- The first section is a 150mm dia sewer which gravitates to the North from MH3001 to Harlaxton – The Drift PS, HLXDSP, the network has capacity for an additional 230 properties.
- The second section is the 150mm dia sewer which gravitates South from MH4902 to MH4702, the network has capacity for an additional 230 properties.



However, Harlaxton WRC only has capacity for an additional 54 properties so this would be the limit of any additional growth we would support in the catchment overall, any proposed growth over 54 properties will be objected to in planning.



4. Impact of Additional Development: Has any assessment been undertaken on the potential impact of additional housing in Harlaxton on the existing wastewater infrastructure? If so, please provide details.

We have searched for Anglian Water responses to planning applications in the Harlaxton and Denton area. Anglian Water undertook a capacity assessment on the following planning application:

South Kesteven District Council application reference: S24/0070

Address: Land Off The Drift Harlaxton

Anglian Water reference: PLN-0210223

Anglian Water comments dated: 04/06/2024

Please find below a link to the public application documents, where our response can be found:

<https://prod.publicaccess.southkesteven.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=S7D35SONLGL00>

While we aim to be proactive in responding to planning applications, Anglian Water are not a statutory consultee, and we are not always consulted by Local Planning Authorities on all planning applications.

5. Upgrade Plans: Are there any current or planned upgrades to the Harlaxton WRC or its associated sewer network to increase capacity?

Anglian Water collaborates with local planning authorities across the region to identify sustainable locations for future development, taking into account infrastructure capacity as part of the development plan processes. We also work closely with our regulators to identify opportunities for future growth investment. At present, no funding has been allocated at this Water Recycling Centre (WRC) for AMP 7 (2020-2025) or AMP 8 (2025-2030). However, we may seek to promote investment through our future business plans.

Anglian Water has an infrastructure charge, where we can spend as appropriate for growth related infrastructure, however there are currently no named upgrades to the associated sewer network. Nevertheless, Anglian Water can influence new connections to the Anglian Water network by utilising the planning system if a proposal is deemed unsustainable or poses a risk to our existing customers and the environment. In such cases where risk is identified, Anglian Water will object or request appropriate conditions to the Local Planning Authority.

6. Storm Overflow Management: Can you confirm whether storm overflows from the wastewater network occur in Harlaxton, and what measures are in place to manage them? Do you have data on how many properties are on a combined foul and surface water system, and has the additional flow from these properties been factored into your system capacity assessments?

Please see attached EDM 2024 Harlaxton STW spreadsheet for data on event duration monitor activations.

The only storm overflow in Harlaxton is at the Harlaxton STW. A map showing the location of all storm overflows and the latest activation of the Event Duration Monitor is available on our website

<https://www.anglianwater.co.uk/environment/storm-overflows/storm-overflow-map/>

7. Regulatory Compliance: Does the existing wastewater infrastructure comply with all current regulatory requirements regarding capacity, discharge rates, and environmental impact?

Environmental Permit

A copy of our Environmental Permit is attached, for information. HARLAXTON STW Discharge Permit.pdf

As part of the AMP7 WINEP that was agreed with the EA we have recently completed (31/12/2024) a scheme to provide nutrient removal (phosphorus stripping) on the treated effluent discharge from the WRC. In addition, we have increased the capacity of the storm storage (storm tanks).

### DWF Compliance and Capacity

The permitted DWF for the WRC is 300m<sup>3</sup>/day. The data below for the last 5 years shows that we have been compliant with our Environmental Permit

#### **Harlaxton WRC**

Year (calendar year)	2019	2020	2021	2022	2023	2024
Measured DWF (Q90) (m <sup>3</sup> /d)	249	205	220.4	180	256	280

### Environmental Impact

We have been compliant with the limits that are set in our Environmental Permit for Suspended Solids, BOD and Total Phosphorus. Please note that the WRC only had a Total P limit from 1 January this year. Sample data for that substance was not available prior to that date. A copy of the compliance data for the last 3 years is attached, for information. Harlaxton WRC Sample Results spreadsheet.

8. Consultation with Developers: Have Anglian Water been approached by the developers of the proposed Swinehill site for discussions regarding foul water provision? If so, what was the outcome?

We encourage developers to engage with us and we also ask Local Planning Authorities to send developers our way to submit pre-planning enquiries to agree drainage strategies, prior to submitting planning applications.

However because pre-planning enquiries are a paid for service, these are confidential and covered by GDPR and therefore any such details cannot be disclosed.

The information supplied to you continues to be protected by the Copyright, Designs and Patents Act 1988. You are free to use it for your own purposes, including any non-commercial research you are doing, and for the purposes of news reporting. Any other re-use (for example, commercial publication) would require the permission of the copyright holder. It is important that this data is not published for security reasons.

If you are unhappy with the service you have received in relation to your request and wish to request an internal review, you should email [EIR@anglianwater.co.uk](mailto:EIR@anglianwater.co.uk) or write to:

Legal Director, Anglian Water Services, Lancaster House, Lancaster Way, Ermine Business Park, Huntingdon PE29 6XU

If you are not content with the outcome of the internal review, you have the right to apply directly to the Information Commissioner for a decision. The Information Commissioner can be contacted at:

Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire SK9 5AF

If you have any queries about this email, please contact me.

Yours sincerely

**EIR Team**

**Anglian Water Services Limited**

Lancaster House, Lancaster Way, Ermine Business Park, Huntingdon, Cambridgeshire PE29 6XU

Email [EIR@anglianwater.co.uk](mailto:EIR@anglianwater.co.uk)

