

From: EIR Compliance

To:

Subject: 20250424 - EIR - Data Supplied

Date: 24 April 2025 09:17:00

Attachments: ywscop_2090-102017-where-does-your-water-go-cop-leaflet.pdf

Reference Number: **EIR**

Dear

We refer to your request for information submitted to Yorkshire Water dated 25 March 2025.

Included with this email is our response to your questions:

Can I assume that the reason why you apply exemption 12(4)(a) is 1. you simply do not have this information or 2. you do not wish to disclose this information ?

Under Regulation 12(4)(a) of the Environmental Information Regulations, we can only apply this exemption in cases where we do not hold the information that has been requested at the time the applicants requests has been received. In response to your previous request where we applied this exemption this is because we did not hold the information.

To confirm; Could you confirm by providing a yes or no answer to the following please.

All roadside drainage gullies are the property and responsibility of ERYC ?

Yes

Q1; YW only charge ERYC for water that is discharged from ERYC drainage gullies into the public sewer ?

Yes

Q2: (a) YW confirm that they are not responsible for water that falls on the paths and roads if roads do not have drainage gullies ?

Yes

(b) YW cannot confirm that water which falls onto paths and roads at Northfield HU129TA does indeed enter the public sewer ?

Yes

Q3; (a) YW confirm that there are three discharge points around the village of Keyingham where YW surface water sewers discharge into nearby watercourses ?

Yes

(b) YW cannot confirm that all surface water that enters ERYC/private drains is discharged into the public sewer ?

Yes

(c) YW cannot confirm that all/any drainage water that enters the public sewer is treated at Keyingham sewage treatment works?

Yes, some of the surface water sewers as recorded above go to watercourses

Furthermore you use the words 'surface water sewers' and 'combined sewers' can you explain the function of these sewer please.

We have three types of sewers in our network: foul sewers, surface water sewers and combined sewers.

- Foul sewers carry waste from things like toilets, sinks, showers and washing machines
- Surface water sewers contain rainwater which runs off impermeable areas such as paving, roofs and highways
- Combined sewers have a mixture of foul and surface water.

Foul and combined sewers transport wastewater to the nearest wastewater treatment works where it is cleaned and safely returned to the environment. Surface water sewers usually drain into a local watercourse.

We all know rainfall in Yorkshire can be unpredictable, so when our network was designed, storm overflows were installed to act as a relief valve when the network is full. Overflows reduce the pressure on combined sewers and stop the system from backing up and flooding homes and gardens by allowing heavily diluted wastewater to discharge into watercourses after the capacity of our storage has been used up. Most of our storm overflows have preliminary treatment such as screens or storm settlement before they operate.

At which point do ERYC drains become a YW surface water sewer ?

We have information available in the public domain at

<https://www.yorkshirewater.com/your-water/whose-pipe-is-it/#:~:text=Homeowner's%20responsibility,-If%20there's%20a&text=all%20the%20pipes%20inside%20the,drainage%20pipe%20or%20public%20sewer:>

Yorkshire Water's responsibility

At Yorkshire Water, we're responsible for:

- *drains shared between more than one property which flow into a public sewer, if your home was built before 2011.*
- *drains outside of the property boundary which flow into a public sewer.*
- *public sewers.*

East Riding of Yorkshire (ERYC) drains become Yorkshire Water (YW) responsibility at the point where they connect to a public sewer.

Does drainage water and sewage enter a combined sewer ?

Please see attached leaflet to further build on our explanation of combined sewer system

Q4; Does YW confirm there have been no/zero discharges of untreated sewage from Keyingham Sewage treatment works into Keyingham drain during the last 5 years ?

Yes

And can YW explain what a storm overflow is and why Keyingham Sewage treatment works does not have one, in addition can you explain what happens to excess sewage in the event Keyingham Sewage treatment works reaches over capacity ?

Storm overflows are designed to act as relief valves when the sewerage system is at risk of being overwhelmed, such as during heavy downpours when a lot of rainwater runs into drains and the sewerage system in a short space of time.

YW have further information on storm overflows in the public domain via – <https://www.yorkshirewater.com/environment/storm-overflow/#:~:text=Overflows%20reduce%20the%20pressure%20on,storage%20has%20been%20used%20up.>

Ofwat have in the public domain a video that provides an explanation on storm overflows – <https://www.ofwat.gov.uk/about-us/ofwat-and-the-environment/pollution-and-water-quality/storm-overflow-explainer/>.

Consulting with the business, Keyingham can manage the volume of incoming sewage at the works. In the event that the flows exceed capacity there are emergency measures that can be implemented.

Q5; Can you confirm in laymans language what l/h/d means and the below declaration ?;

Standard calculation would be 140 l/h/d + 40l/h/d for infiltration (180l/h/d); therefore works can expect to receive approx. 432 m3/d from the catchment.

The Dry Weather Flow value for Keyingham in 2024 was 340 m3/d, i.e. flow received when removing external factors like rainfall/infiltration.

Based on standard calculations, it is expected that the works will receive approximately 432 cubic meters of waste water per day from the catchment area. This estimate is based off the population served by the works with 140 litres

per person (head) per day, plus an additional 40 litres per person per day for infiltration (rain/groundwater/runoff etc). The measured Dry Weather Flow value for Keyingham in 2024 was 340 cubic meters per day, which refers to the volume of waste water received on a typical dry day, i.e. without any external factors like rainfall, runoff etc.

In addition:

- (a) provide an exact or approximate number of how many homes and properties can Keyingham Sewage treatment works serve. (b) Does Keyingham Sewage treatment works only serve the parish of keyingham ? or does it serve other local parishes ? (c) What is the maximum m³/d of sewage Keyingham Sewage treatment works can process ?**

Currently the population served by Keyingham STW is around 2370 which is expected to rise to 2500 by 2030, the works is currently well within its permitted parameters.

b) Essentially yes but with a small input from Pans Hill which looks like it's just outside the Parish boundary

c) Its consented dry weather flow is 672 metres cubed per day, that is the flow from the residential population. We don't have a record for what the maximum is that we could treat this would require a survey and process analysis. As it is the works is operating well withing the permitted parameters. As such for the purpose of EIR we applied exemption 12(4)(a), a public authority may refuse to disclose information to the extent that it does not hold that information when an applicant's request is received.

Q6; YW cannot confirm who owns the water that falls onto public paths and roads and drains into ERYC Gullies. – So do YW confirm no one/person/company owns the water ?

No. Yorkshire Water becomes responsible for surface water runoff when it enters the public sewer.

Q8; YW cannot confirm if Keyingham Sewage treatment works does accept surface drainage water ?

Keyingham is a largely separate sewerage system but there are some combined sewers so there will be an element of surface water accepted at the works.

Q9; YW confirm that they do not have a legal obligation to accept all drainage water from Keyingham parish ?

YW become responsible at the time it enters our network.

Q10: Is YW confirming they turn a blind eye to profit making agricultural businesses who drain flooded fields onto public roads and they do not investigate whether this water enters the ERYC drains and thus the public sewer ?

We do not hold any information for this question. As such for the purpose of EIR we applied exemption 12(4)(a), a public authority may refuse to disclose information to the extent that it does not hold that information when an applicant's request is received.

Further questions submitted on the 24 March:

In addition to the below questions and confirmations below. Will Yorkshire water Confirm:

1. How many dry spills have taken place at Keyingham sewage treatment works`

This site does not have a storm overflow. As such for the purpose of EIR we applied exemption 12(4)(a), a public authority may refuse to disclose information to the extent that it does not hold that information when an applicant's request is received.

2. How many legal spills have taken place at Keyingham sewage treatment works.

This site does not have a storm overflow. As such for the purpose of EIR we applied exemption 12(4)(a), a public authority may refuse to disclose information to the extent that it does not hold that information when an applicant's request is received.

We trust that the provision of this data satisfies your request. In accordance with the Environmental Information Regulations 2004, if you are not satisfied with this reply to your request you can ask for an internal review. A request for an internal

review must be submitted within 40 working days by contacting the Data Protection Team.

Thank you for contacting Yorkshire Water.

Yours sincerely,

Data Protection Team

Email: EIR@Yorkshirewater.co.uk