

From: EIR Compliance

To:

Subject: 20260113 - EIR

Date: 13 January 2026 13:58:08

Reference Number: EIR

Dear

I refer to your request for information submitted to Yorkshire Water dated 14 December 2025 which is set out below.

"I am concerned at the reason for development in recent years which has seen frequent deliveries of liquids to the Old Whittington STC by large ...maximum size...tankers. In considering how to make a judgement on the desirability of this traffic I would like to ask the following questions:

What is the fluid being carried?

How many such journeys arrive at Whittington STC each day on average?

Where does each journey commence?

What is the reason for this transportation?

How long is it intended that this transportation operation will continue?

What consultations took place with highways authorities and local councillors before the operations started?

What instructions are given to drivers and contractors about their impact on local residents and local traffic?

What alternative operational measures were considered before selecting this method of dealing with the problem of movement of so much bulk liquids?"

Please find attached the data which you have requested.

There are a variety of fluids used by the site in order to comply with our regulatory requirements for sewage and sludge treatment. The main liquid movements are sewage sludges being delivered to Old Whittington Waste Water Treatment Works ("WWTW") for sludge treatment to allow us to make this safe for return to the environment. Other fluids received at the site are ferric sulphate and sodium hydroxide which are used in the waste water treatment process to allow us to comply with our new environmental permit requirement for phosphorus removal. We also receive polyelectrolyte which is used as a flocculant during the sludge treatment process. We may also need to transport sewage via road tankers for emergency responses to be able to prevent impact on the environment. Heating oil is another fluid we receive if insufficient biogas isn't available.

During 2025 there was an average of 5.8 sludge/sewage tankers per day delivered to site for treatment. Ferric sulphate and sodium hydroxide deliveries are 2-3 times per week. We have also invested in new treatment processes which have been getting constructed during 2025 to allow us to comply with new regulatory requirements, construction deliveries such as concrete and construction traffic will be in addition to the average stated previously.

The sludges are collected from smaller waste water treatment works and delivered to sites such as Old Whittington WWTW mainly from the local area but this could be from further afield depending on availability at other

WWTW sludge treatment sites. There are several sludge treatment facilities across Yorkshire others in the area are Blackburn Meadows in Sheffield and Woodhouse Mill in Rotherham. If Old Whittington was to cease operating as a sludge treatment facility the number of tanker movements would significantly increase to meet demand.

The transportation movements are indefinite as Old Whittington is a key sludge treatment facility in South Yorkshire. A bi-product of sludge treatment via anaerobic digestion is the generation of biogas which we capture, store and use within our renewable combined heat and power units. We utilise the biogas to generate electricity for site utilisation and heat for the process, thereby lowering our dependence on fossil fuels and reducing our carbon emissions. This type of process cannot be completed efficiently and effectively on a small scale, which is why we transport sludges to centralised hubs for safe sludge treatment and biogas recovery.

Old Whittington has been a sludge treatment import facility since early 2013 and have received sludge, sewage, heating oil, polyelectrolyte throughout this time. We comply with the road regulations and HGV requirements, only use professional drivers and promote courteous driving to other road users. We hold our contract partners and those working on our behalf to the same standard.

I 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