

Dear XXXXX,

Thank you for your information request. Please note, Severn Trent Water is not subject to the Freedom of Information Act 2000. We are, however, subject to the Environmental Information Regulations 2004, (Regulations) which allows public access to environmental information (as defined in the regulations) held by public authorities.

Please provide comprehensive details, progress to date, include route, sites, volumes and predictions of volumes of raw untreated sewage, or any other waste, as detailed above.

The route of the proposed pipeline from our Packington and Measham sewage works to the river Trent is not yet finalised and we are unable to share details at this stage.

We do know that the proposed discharge point will be close to the point where the river Mease joins the river Trent. Based on recent measured flow data, the combined average daily volume of treated sewage discharged by these two sites is approximately 3,500 megalitres per annum. We have completed hydraulic modelling work which underpins our Storm Overflow Discharge Reduction Plan, this indicates the volume of partially treated stormwater discharged via storm overflows (upon completion of improvement works outlined below) will be approximately 23 megalitres per annum. Over 99% of the proposed discharge will be fully treated. Under the new Environment Act, operation of the storm overflows at Packington and Measham will be limited to not more than 10 events per annum on average.

Please provide details of timescales for completion of works and commencement of discharge.

The project must be completed by March 2027. This is a statutory obligation placed upon us by the Environment Agency and Natural England, through the Water Industry National Environment Plan. This obligation was signed off by DEFRA in March 2018.

Please provide details of what level of treatment the effluent you intend to discharge, as detailed above, will have undergone before it is discharged into the Trent or its tributaries.

The sewage effluents will be fully treated, as is currently the case. The Environment Agency have reviewed the permit requirements for our Sewage Treatment Works and mandated that both the Packington and Measham Sewage Treatment works must have their capacity increased. Additional capacity within these Sewage Treatment Works, will reduce the frequency of storm overflow operation. As noted above, operation of storm overflows at these two sites will be limited to not more than 10 discharge events, of partially treated sewage, per year. The infrastructure investment for these important upgrades is included within our next Asset Management Plan (AMP) which will cover 2025-2030. We also note that effluents from these two sites already enter the river Trent via the river Mease – this project is essentially bypassing the Mease to support the restoration of the SAC to favourable conservation status.

Please detail what alternatives have been considered and the rationale for their rejection, before settling on the solution of discharging into the Trent and its tributaries.

The details of the project have been planned out and approved in conjunction with the Environment Agency and Natural England. It is part of a plan to improve the condition of the River Mease Special Area of Conservation (SAC) to protect the river and restore it to favourable status. Please find a link to the River Mease Partnership website which details further information for the project and may be of interest: [River Improvement Project - River Mease Partnership](#)

It is important to note that the river Mease and every other river in that proximity is a tributary of the river Trent and the effluents currently discharged from these sites already indirectly flow into the Trent. This project is simply bypassing the Mease to address the flow and nutrient issues and help restore this important Special Area of Conservation (SAC) to favourable conservation status.

Please explain why the effluent cannot be fully treated prior to discharge.

The effluents will be fully treated prior to discharge and will comply with all standards set by the Environment Agency.

Please explain what consultation has taken place with all interested parties- be they landowners, interested groups and organisations, published users of the waterways affected (such as Trent Rivers Trust, Staffordshire Swooshers,) Angling and Rowing clubs, local Councillors and specifically including Members of Parliament.

We are very aware of the importance of involving interested parties within projects of this manner. Andrew Bridgen MP, attended a meeting at Packington Sewage Treatment Works on 6th January 2017 to inform him of the programme. Trent Rivers Trust have been kept fully informed of the project, through their membership of the River Mease Programme Board. This is a group that is comprised of members from Trent Rivers Trust, the Environment Agency, Natural England and local District Councils including Northwest Leicestershire, South Derbyshire and Lichfield. There are also two stakeholder sessions organised which are taking place in May and June.

We always value engaging with local groups, and we would be happy to meet with you to discuss any concerns you may have. If this is something you would like to do, we have included the email for our River Rangers team which is: riverrangers@severntrent.co.uk so that the local team can arrange for a convenient time.

We hope this information is useful.

Best Wishes
Severn Trent EIR Team