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11th December 2024

Dear Sir/Madam,

**Development Consent for the Chesterfield to Willington Overhead Line (Proposed Development) - Scoping Request for Environmental Statement (ES)**

Thank you for consulting Yorkshire Water (YW) on the above proposed development.

Environmental Impact Assessment Scoping Report Volume 1 dated October 2024 supports a request by National Grid Electricity Transmission plc regarding the details of the proposed Nationally Significant Infrastructure Project (NSIP) development.

### **Water Environment**

Groundwater / Drainage impact on geology and aquifer designations as such are not specifically mentioned but it is noted that superficial and bedrock geology includes Principal, and Secondary A and B Aquifers. YW therefore expect these to be addressed in due course. Consideration of the potential impact of pylon foundations on groundwater should be included in future assessments. This should include the effect of any necessary ground improvement, piling, and dewatering, including impact on nearby groundwater abstractions. The likely significant effects cannot be ruled out at the current stage of design therefore this is proposed to be scoped in to the ES during construction.

It is noted, the hydrogeological changes to groundwater flows and levels during the construction stage are scoped in the project. Construction activities have the potential to change groundwater flows and levels, which support sensitive receptors identified within the baseline. Flood risk from surface water and effects on the land drainage regime, has potential to cause temporary and permanent changes to impermeable land cover and potential for temporary disruption to existing land drainage routes during construction



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have therefore been scoped in.

YW note relevant additional mitigation measures for hydrology and land drainage may include the use of suitable sustainable drainage (SuDS) measures to manage construction worksite runoff.

YW support that the above matters are scoped into the Environmental statement.

### **Noise and Vibration**

YW assets are considered to be vibration sensitive structures. The impact of construction activities on these assets must be taken into consideration. At this early stage it is important to highlight existing waste water and clean water infrastructure. These assets must be taken into consideration during the detailed design stage of the development. Noise and Vibration is scoped into the ES. YW agree with the scope of the Environmental Statement.

Yours faithfully

**Becca Khan**  
Pre-Development Sewerage Technician

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