

## Non-technical Summary

### Summary of changes

This application is being made due to changes to the Environment Agency (EA) interpretation of the environmental permitting exclusion for Urban Wastewater Activities (under Environmental Permitting (England and Wales) Regulations 2016 (EPR) Schedule 1, Part 2, Chapter 5, Section 5.4). The EA interpretation now requires that anaerobic digestion (AD) plants with a treatment capacity of over 100 tonnes/day (t/d) are classified as installations for the purposes of EPR. Furthermore, it has been determined that, in calculating digester capacity, there shall be no distinction between imported or indigenous sludges. The Yorkshire Water (YW) Sandall Sludge Treatment Facility (STF), part of the wider Sandall Wastewater Treatment Works (WwTW), exceeds the 100t/d capacity limit and therefore it has been determined that a variation to an existing permit is required to add Schedule 5.4 Part A(1)(b)(i) for AD treatment activities currently operated on site. The site has been operating until now within the scope of a registered T21 permit exemption (reference: WEX233113) and Regulatory Position Statement (RPS) 109 in respect of Combined Heat and Power (CHP) operations burning biogas. This application will vary the existing sludge conditioning permit to remove this activity and add anaerobic digestion and its directly associated activities.

A summary description of activities carried out at Sandall STF is provided below.

Figure NTS-1 Installation schematic

