

1. Non-Technical Summary

Yorkshire Water Ltd are applying for a bespoke physico-chemical waste treatment Environmental Permit for Naburn Waste water Treatment Works (WwTW) which relates to the acceptance and storage of tankered effluent prior to discharge into the main works.

Effluents in the forms of liquids and easily pumpable sludges are delivered to the site by road tanker from a number of sources for treatment within the WwTW. These effluents can either be discharged directly into the 'head of the works' or transferred to a holding tank located near the entrance to the site, prior to transfer to the 'head of the works'. Once wastes are discharged to the 'head of the works' they are mixed within the incoming sewer delivered urban waste water directive (UWWTD) main flow. Once the liquid effluent enters the main works system it is classified as urban waste water and is therefore, no longer considered waste under the Waste Framework Directive 2008/98/EC.

Naburn WwTW is located in on the south fringes of York. The site is surrounded by the River Ouse to the west, the B1222 to the east, farmland in all directions and a marina to the south. The closest residential areas are Bishopthorpe approximately 220m west, Naburn approximately 670m south, Fulford approximately 1.09km north east and Acaster Malbis approximately 1.16km south west.

Naburn Marsh Site of Special Scientific Interest (SSSI) is ~300 m to the north, Church Ings (SSSI) is ~780 m to the south west and Fulford Ings (SSSI) is ~1,340 m to the north east. Additionally, River Derwent Special Areas of Conservation (SAC) is ~9,480 m to the east, Skipworth Common (SAC) is ~9,606 m to the south east and Lower Derwent Valley (SAC, Special Protection Area SPA & Ramsar) is ~9,480 m to the south east. The site does not lie within any Source Protection Zones or areas designated for nature conservation.

The whole site lies within Flood Zone 1 with a low probability of flooding from rivers (<1:1000 annual probability of flooding). Small parts of the western side of the site, particularly the north west and south west, lie within Flood Zone 2 with a medium probability of flooding from rivers (1:100 – 1:1000 annual probability of flooding). The remainder of the western side lies within Flood Zone 3 with a high probability of flooding from rivers (>1:100 annual probability of flooding). Surface water flooding for the site is very low.

It is proposed that the maximum quantity of the above mentioned tankered waste accepted at Naburn WwTW is an annual allowance of 1,000,000 tonnes.