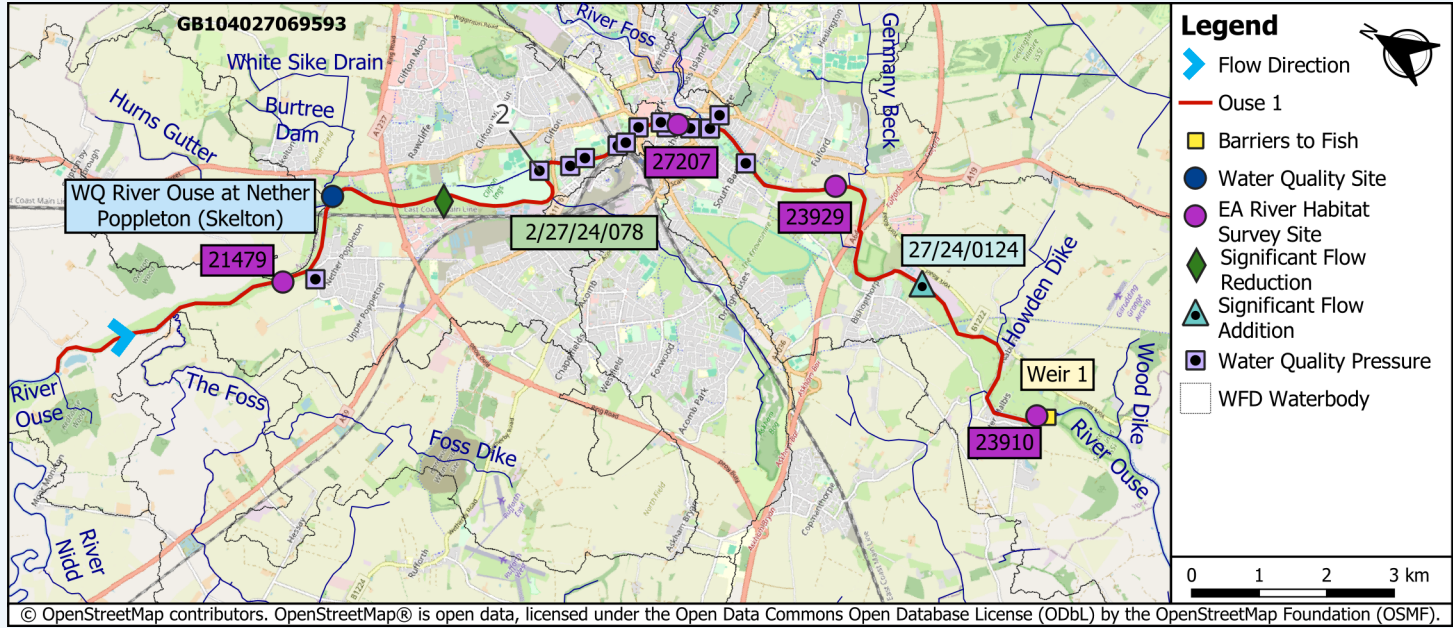


Reach Setting

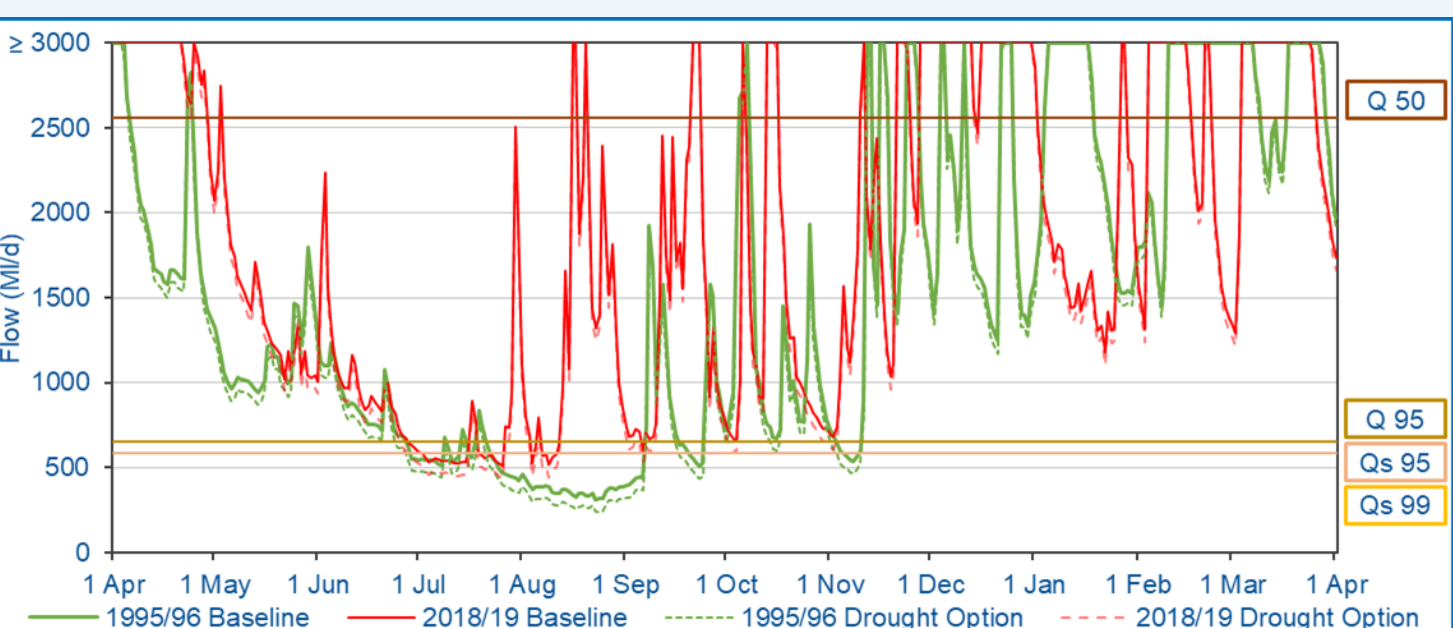


Reach Setting Information:

The reach is underlain by Triassic rocks comprised of sandstone and conglomerate and alluvium. The reach is surrounded, predominantly, by glaciolacustrine deposits of gravels and sand, clay and silt and moraine deposits. Some glacial tills are noted around York. Soil types beneath the reach are composed predominantly of loamy and clayey floodplain soils. A wide range of soil types surround the reach. Slowly permeable, seasonally wet slightly acid loamy and clayey soils characterise the upper portions of the reach prior to York. Naturally wet, acid sandy and loamy soils and loamy soils characterise the mid and lower sections of the reach. Prior to York the land use is a mix of arable agriculture and improved grassland. Urbanisation is high as the reach passes through York.

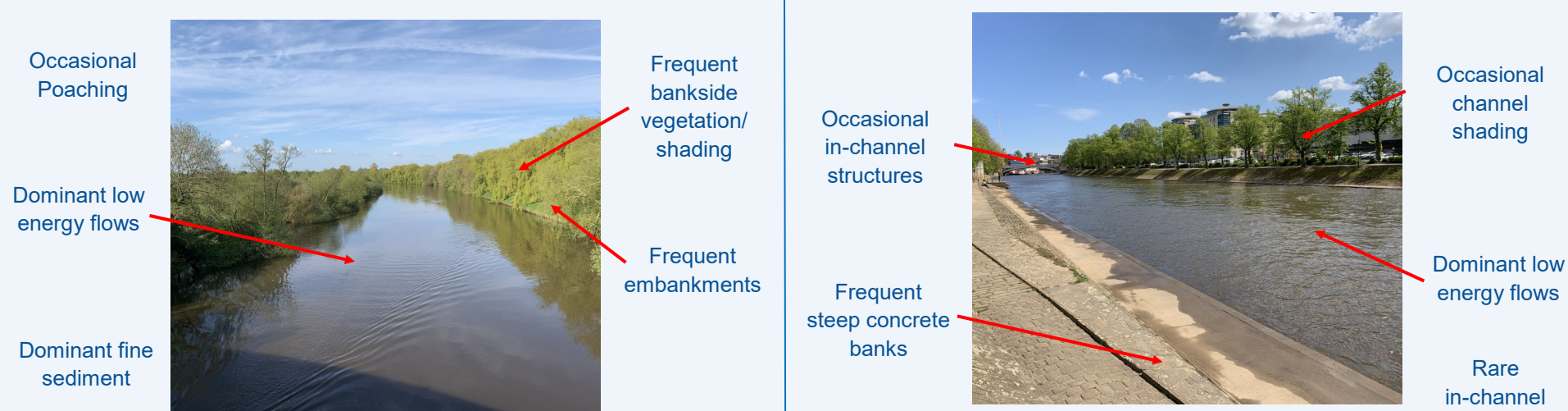
	Supplementary Information
Catchment Area at Assessment Point	3,217km ²
Mean Slope Gradient	0.01°
Length of Reach	20.6km
Additional Catchment Area	302.5km ²
Upstream Reach	N/A
Downstream Reach	N/A

River Flow Regime



	Reference Conditions (MI/d)	Drought Plan Conditions (MI/d)	% Reduction	Impact	Significant Flow Additions/Reductions	Flow Rate (MI/d)	Abstraction / Discharge
Q _s 95	581.2	521.2	10.3	Summer Moderate	Naburn STW 27/24/0124	45.1 DWF	Discharge
Q _s 99	423.3	363.3	14.2				
Q95	653.9	593.9	9.2	Winter Negligible	River Ouse –Clifton Ings 2/27/24/078	96 (daily average)/ 130 (peak)	Abstraction
Q50	2561.4	2561.4	0				

River Habitats



River Water Quality

Significant Water Quality Pressures	Permit Conditions
There are 14 CSOs that could be considered intermittent water quality pressures in this reach, each with descriptive consents.	Intermittent discharges

In the River Ouse at Nether Poppleton (Skelton) (NE-49100488) the average pH between 2014-2024 was 8.0 with a maximum temperature of 23.2°C



Figure A4.1
Ouse 1
Physical Environment Information

