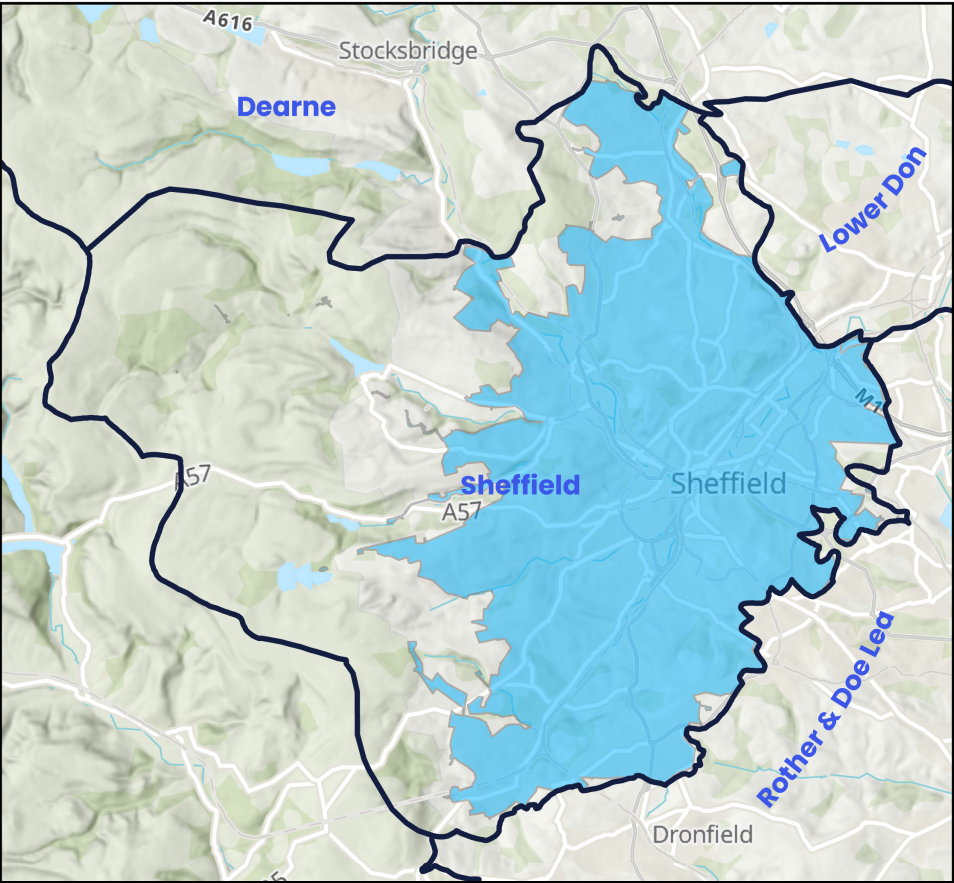
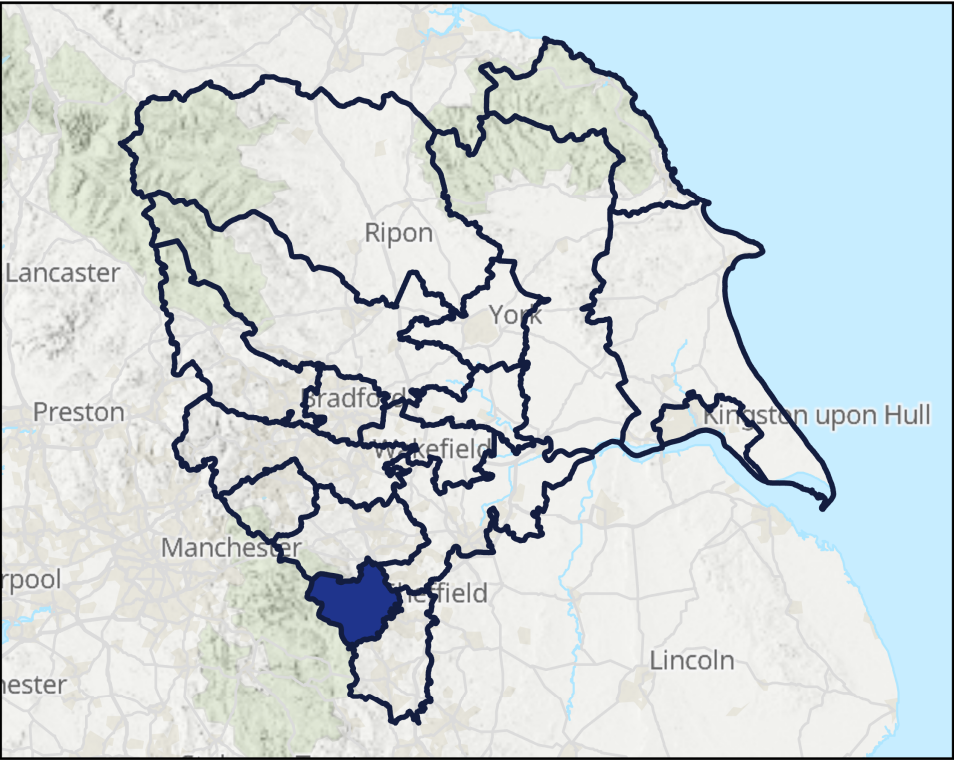
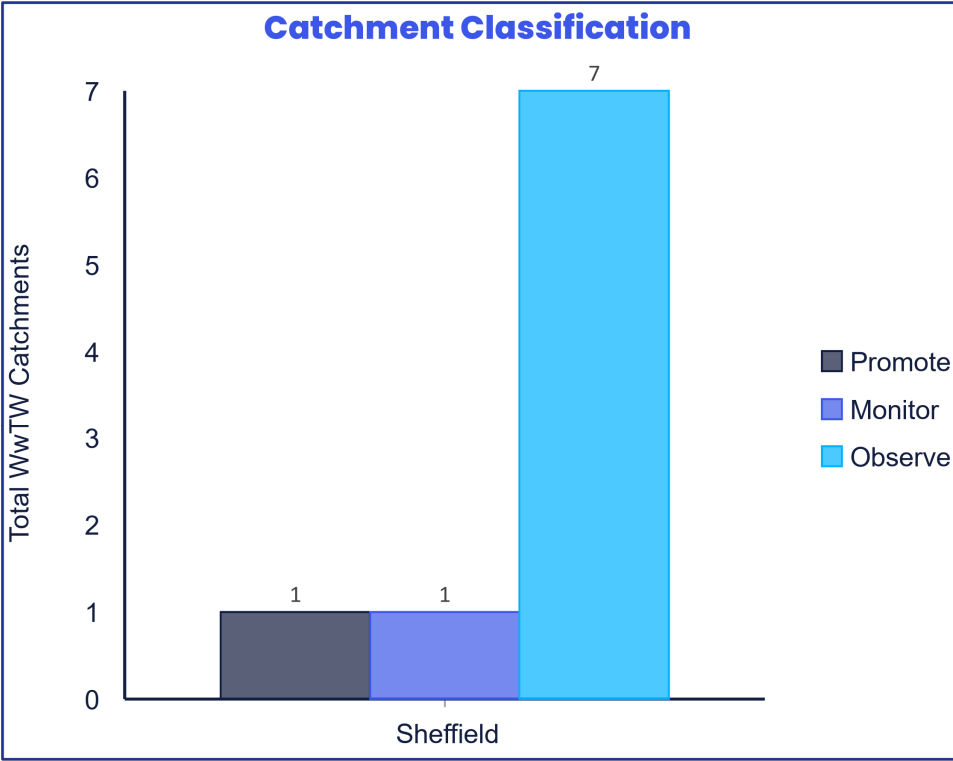


Sheffield

Strategic Planning Area



Key Strategic Planning Area Statistics	
Number of WwTW Catchments	9
Population Equivalent in 2020	559,221
Population Equivalent in 2050	650,823
Population Equivalent Growth	16%
Modelled Consented Storm Overflows	137
Wastewater Pumping Stations	55
Foul and Combined Sewer Length	2,037km
Surface Water Sewer Length	605km
Catchments Passed Through To BRAVA	2



National Baseline Risk and Vulnerability Assessment								
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 2020 Score	Storm Overflow Performance 2050 Score	Risk of WwTW Compliance Failure 2020	Risk of WwTW Compliance Failure 2050
2	1	0	2	2	2	2	0	0



BRAVA Outcome Summary	
Promote	Develop strategic catchment based solution options to address predicted risks and look for potential opportunities for partnership working
Investigate	Work to understand in more detail the size and scale of the predicted catchment risk
Monitor	Continue to monitor all potential risks in the catchment and promote once a suitable threshold is breached
Observe	Did not trigger the required number of indicators in the RBCS process so therefore was not assessed against any criteria but will be reviewed in future DWMP cycles

25-Year Strategic Plan – How much do we need to invest?

Scenario 1

Annual average of no more than **10 spills** per storm overflow and **reduced** levels of property flood risk from hydraulic sewer flooding and ensure our WwTWs have sufficient capacity to allow us to remain compliant with our current environmental permits.

Scenario 2

Annual average of no more than **10 spills** per storm overflow, plus **no environmental harm** from storm overflows and reduced levels of property flood risk from hydraulic sewer flooding and ensure our WwTWs have sufficient capacity to allow us to remain compliant with our current environmental permits.

Scenario 3

Annual average of no more than **10 spills** per storm overflow and **maintain** regional level of property flood risk from hydraulic sewer flooding and ensure our WwTWs have sufficient capacity to allow us to remain compliant with our current environmental permits.

Scenario 4

Annual average of no more than **10 spills** per storm overflow, plus **no environmental harm** from storm overflows and **maintain** regional level of property flood risk from hydraulic sewer flooding and ensure our WwTWs have sufficient capacity to allow us to remain compliant with our current environmental permits.

Level 2 Sheffield 25-Year Lowest Cost Plan Range

Scenario 1	£0.6 billion	£1.8 billion
Scenario 2	£0.7 billion	£2.2 billion
Scenario 3	£0.3 billion	£0.9 billion
Scenario 4	£0.5 billion	£1.4 billion

Level 2 Sheffield 25-Year Best Value Plan Cost Range

Scenario 1	£1.3 billion	£3.9 billion
Scenario 2	£1.4 billion	£4.3 billion
Scenario 3	£1.3 billion	£3.8 billion
Scenario 4	£1.4 billion	£4.1 billion