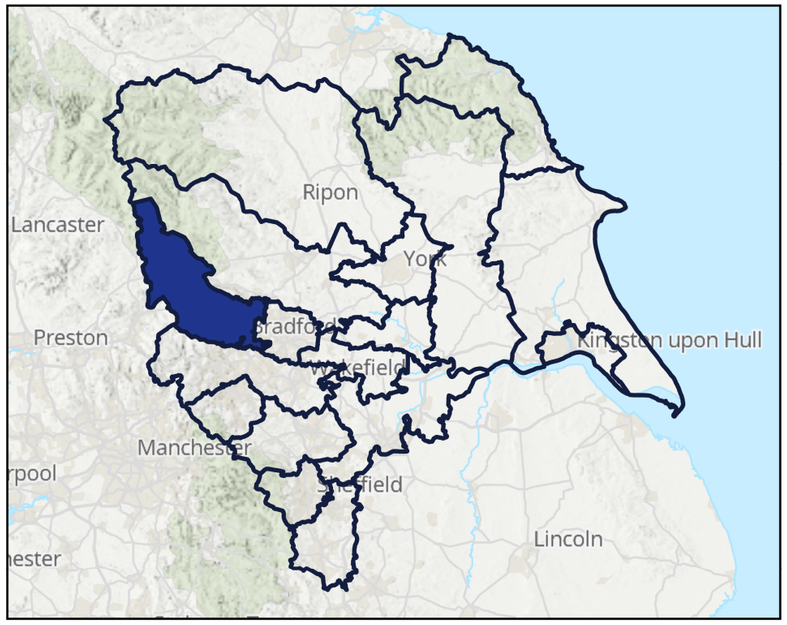
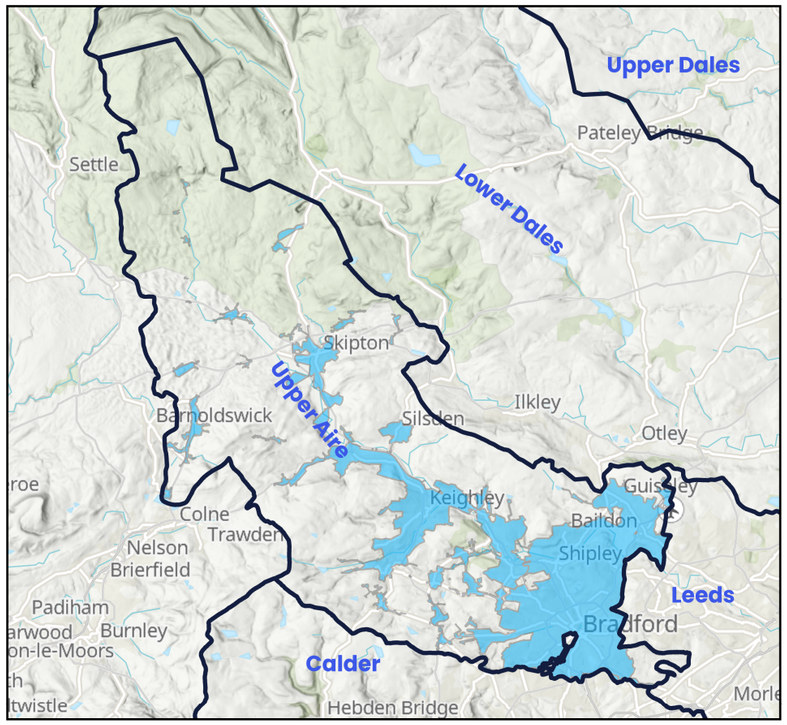
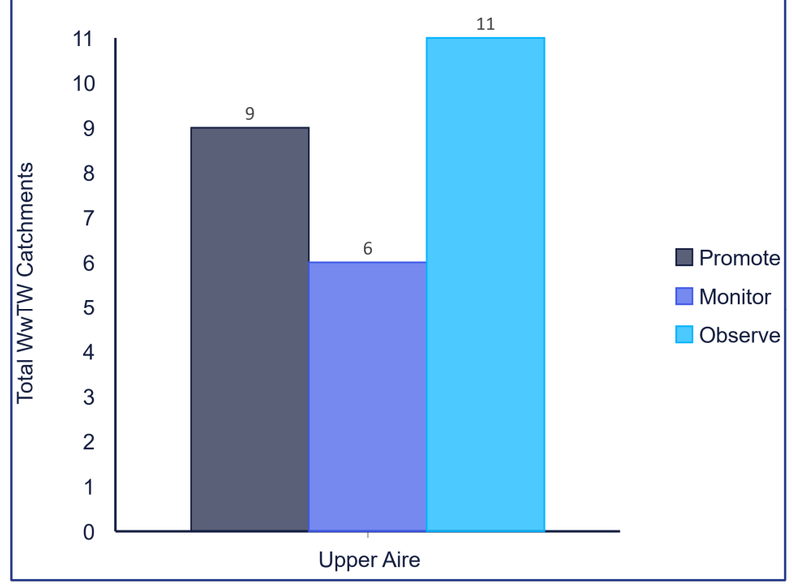
Upper Aire
Strategic Planning Area





Key Strategic Planning Area Statistics	
Number of WwTW Catchments	28
Population Equivalent in 2020	616,157
Population Equivalent in 2050	711,752
Population Equivalent Growth	16%
Modelled Consented Storm Overflows	195
Wastewater Pumping Stations	132
Foul and Combined Sewer Length	2,441km
Surface Water Sewer Length	616km
Catchments Passed Through To BRAVA	17

Catchment Classification



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	2	0	2	2	2	2	2	2

0 Not Significant — 1 Moderately Significant — 2 Very Significant

Risk

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 Upper Aire 25-Year Lowest Cost Plan Range		
Scenario 1	£1.4 billion	£1.3 billion
Scenario 2	£1.7 billion	£5.0 billion
Scenario 3	£0.6 billion	£1.7 billion
Scenario 4	£1.1 billion	£3.3 billion

Level 2 Upper Aire 25-Year Best Value Plan Cost Range		
Scenario 1	£3.3 billion	£4.9 billion
Scenario 2	£1.9 billion	£5.6 billion
Scenario 3	£1.4 billion	£4.1 billion
Scenario 4	£1.6 billion	£4.8 billion

The risk position and subsequent outcome is a result based on the DWMP framework. The baseline and future performance of our catchments will be incorporated into our standard business planning processes and may result in some catchments changing classification and will be prioritised accordingly.