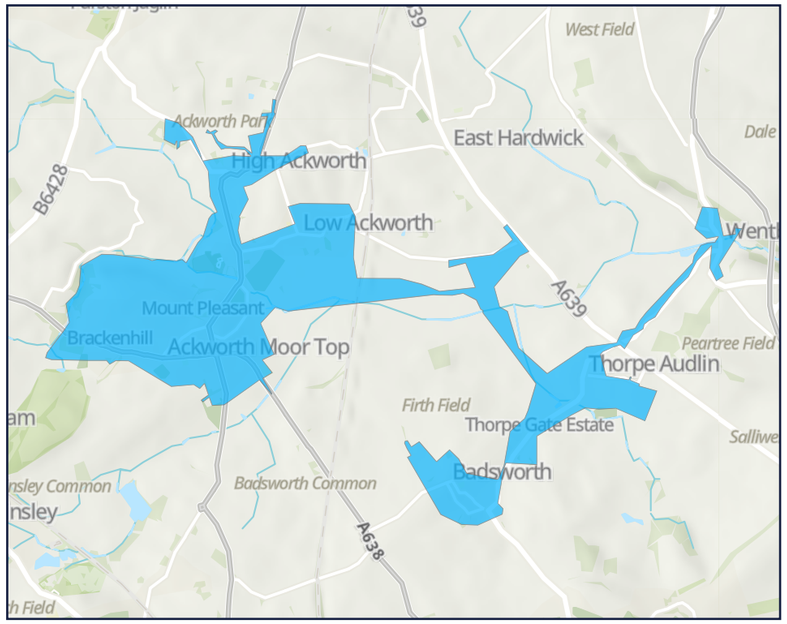
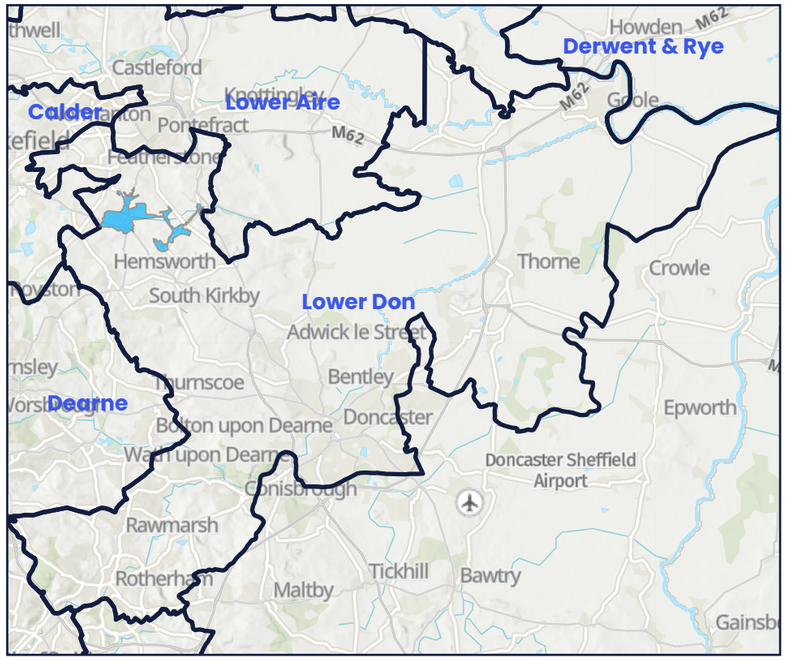
Ackworth
Lower Don

Outcome: **Promote**

Develop strategic catchment based solution options to address predicted risks and look for potential opportunities for partnership working





Key Catchment Statistics

2020 Population Equivalent	9,294
2050 Population Equivalent	10,965
Modelled Consented Storm Overflows	1
Wastewater Pumping Stations	5
Foul and Combined Sewer Length	40.4km
Surface Water Sewer Length	25.5km
Site of Special Scientific Interest Present	Yes
Special Area of Conservation Present	No
Priority River Habitat	No
Catchment Wider Resilience Risk Band	Medium

Outcome Summary

Sewer Flooding Risk

By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for sewer flooding, we believe this catchment represents a moderate risk for 2050

Storm Overflow Risk

By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for Storm Overflows, we believe this catchment represents a moderate risk for 2050

WwTW Compliance Risk

By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for WwTW Compliance risk, we believe this catchment represents a moderate risk for 2050

Risk Based Catchment Screening

Catchment Characterisation	Bathing or Shellfish Waters	Discharge to sensitive waters (part A)	Discharge to sensitive waters (part B)	SOAF	CAF	Internal Sewer Flooding	External Sewer Flooding	Pollution Incidents	WwTW Q Compliance	WwTW DWF Compliance	Storm Overflows	Other RMA Systems	Planned Residential Development	WINEP	Sewer Collapses	Sewer Blockages	Proceed to BRAVA
Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	YES

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	1	1	0	2	0	0

Bespoke Planning Objectives

Annualised Flooding 2020 Score	Annualised Flooding 2030 Score	Annualised Flooding 2050 Score	Overflows Performance 2020 Score	Overflows Performance 2030 Score	Overflows Performance 2050 Score	WwTW Compliance 2020 Score	WwTW Compliance 2030 Score	WwTW Compliance 2050 Score
1.5	2	2.5	2	3	3	1	2	3

0 — 1 — 2
Not Significant — Moderately Significant — Very Significant
Risk

0 — 1 — 2 — 3 — 4 — 5
Lower Risk — Higher Risk

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The risk position and subsequent outcome is a result based on the DWMP framework. Data contained and presented within the DWMP is based, in part, upon modelled information and automated processes. Efforts have been made to validate the data, however some discrepancies may exist. This data and information should be used for strategic planning purposes only