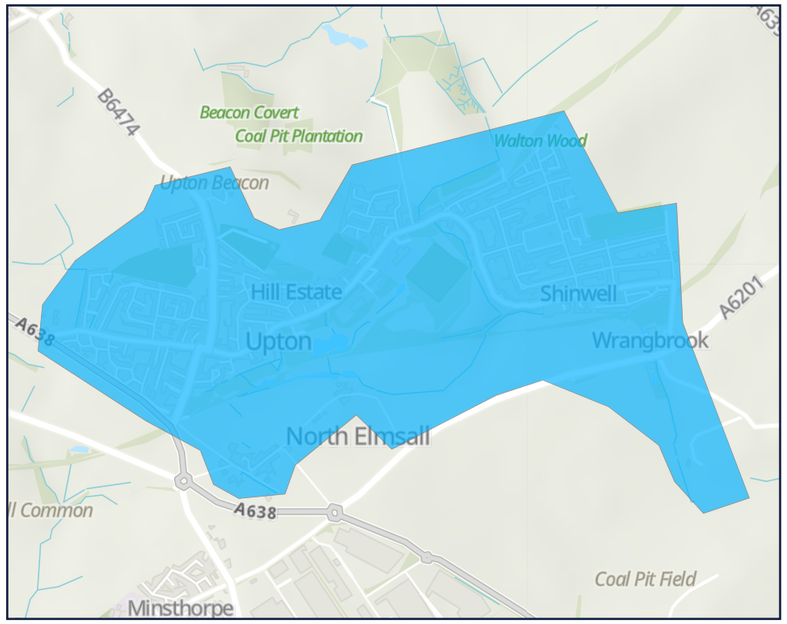
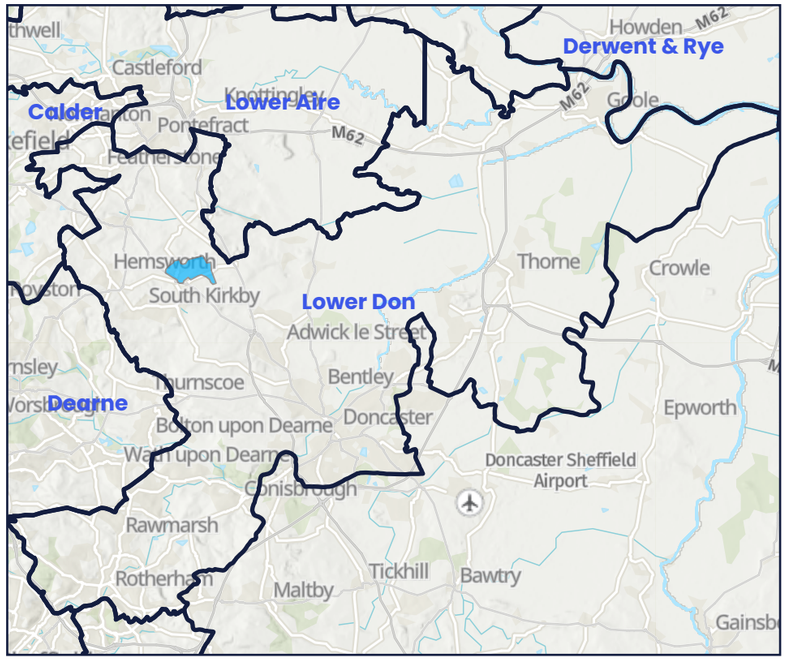
# Upton Wrangbrook
# Lower Don

**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 | 6,678 |
| 2050 Population Equivalent | 7,723 |
| Modelled Consented Storm Overflows | 1 |
| Wastewater Pumping Stations | 0 |
| Foul and Combined Sewer Length | 26.8km |
| Surface Water Sewer Length | 23.4km |
| Site of Special Scientific Interest Present | No |
| Special Area of Conservation Present | No |
| Priority River Habitat | No |
| Catchment Wider Resilience Risk Band | Low |

## 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 high 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 high 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 low 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 | No | No | Yes | No | 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 |
|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | 0 |

0 Not Significant — 1 Moderately Significant — 2 Very Significant

Risk

## 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 |
|---|---|---|---|---|---|---|---|---|
| 4 | 4.5 | 5 | 4 | 4 | 4 | 1 | 2 | 2 |

0 Lower Risk — 1 — 2 — 3 — 4 — 5 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