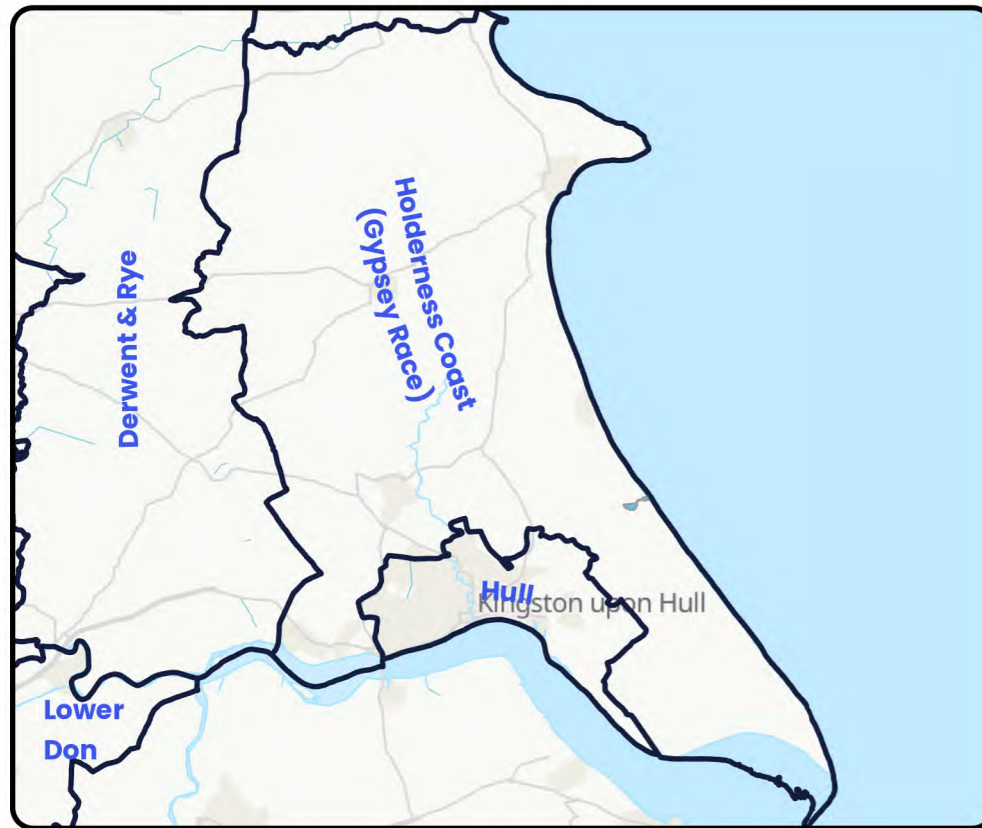


# Aldbrough Holderness Coast (Gypsey

**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                  | 1,558  |
| 2050 Population Equivalent                  | 1,777  |
| Modelled Consented Storm Overflows          | -      |
| Wastewater Pumping Stations                 | 6      |
| Foul and Combined Sewer Length              | 5.3km  |
| Surface Water Sewer Length                  | 4.3km  |
| Site of Special Scientific Interest Present | No     |
| Special Area of Conservation Present        | No     |
| Priority River Habitat                      | No     |
| Catchment Wider Resilience Risk Band        | Medium |

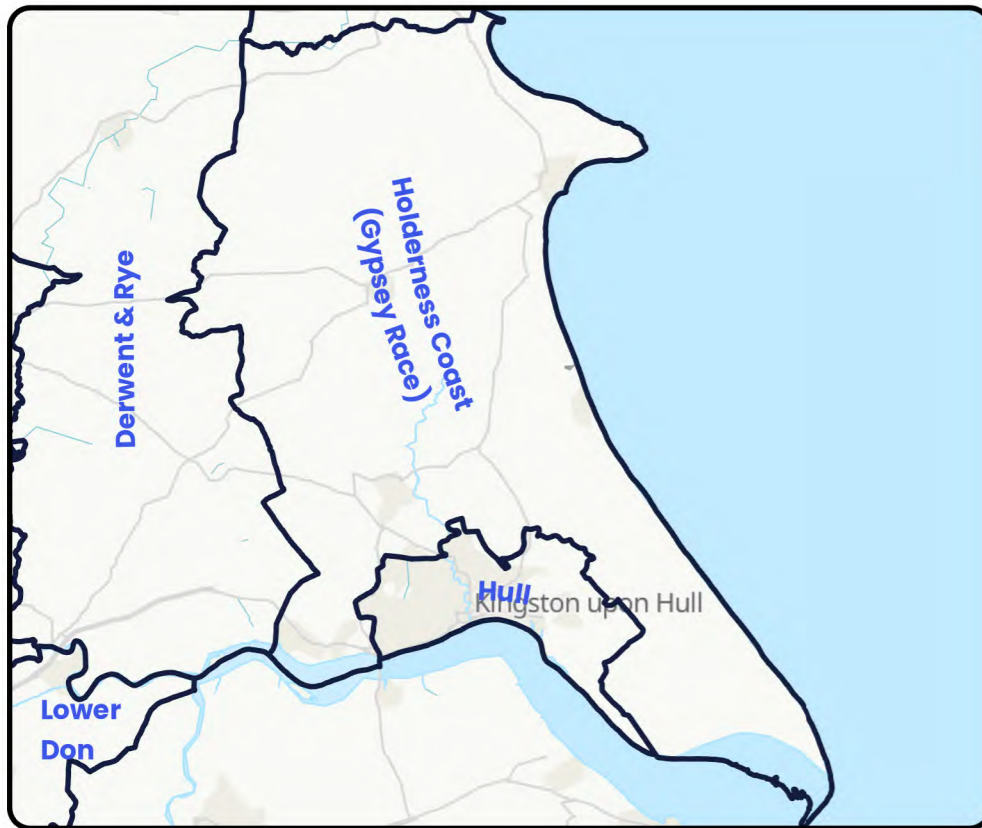
| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for sewer flooding, we believe this catchment represents low risk for 2050          |
| <b>Storm Overflow Risk</b>  |
| 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 low risk for 2050         |
| <b>WwTW Compliance Risk</b>   |
| 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 high risk for 2050 |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                             | No    | No              | Yes             | <b>YES</b>       |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 0   | 2                         | 0                              | 2   | 2   | N/A                                   | N/A                                   | 2                                    | 2                                    | 1                              | 1                              | 1                              | 0                                | 0                                | 0                                | 4                          | 4                          | 4                          |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Atwick Holderness Coast (Gypsey



**Outcome: Investigate**

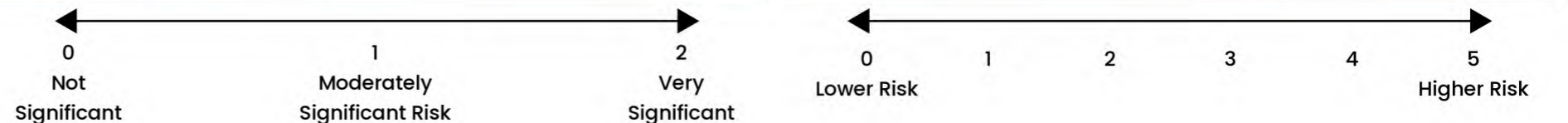
Work to understand in more detail the size and scale of the predicted catchment risk

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 276   |
| 2050 Population Equivalent                  | 309   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 1     |
| Foul and Combined Sewer Length              | 2.4km |
| Surface Water Sewer Length                  | 0.2km |
| 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  |
|--|
| <b>Sewer Flooding Risk</b>   |
| 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 low risk for 2050       |
| <b>Storm Overflow Risk</b>   |
| 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   |
| <b>WwTW Compliance Risk</b>  |
| 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 | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | Yes                             | No    | Yes             | Yes             | <b>YES</b>       |

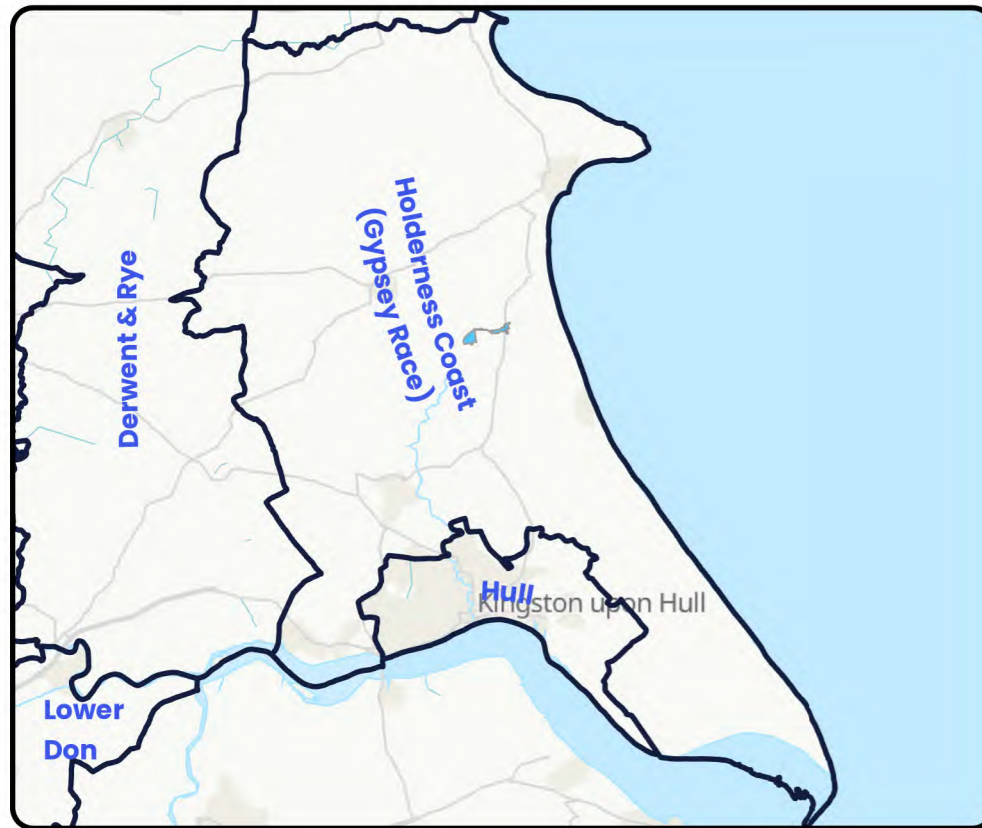
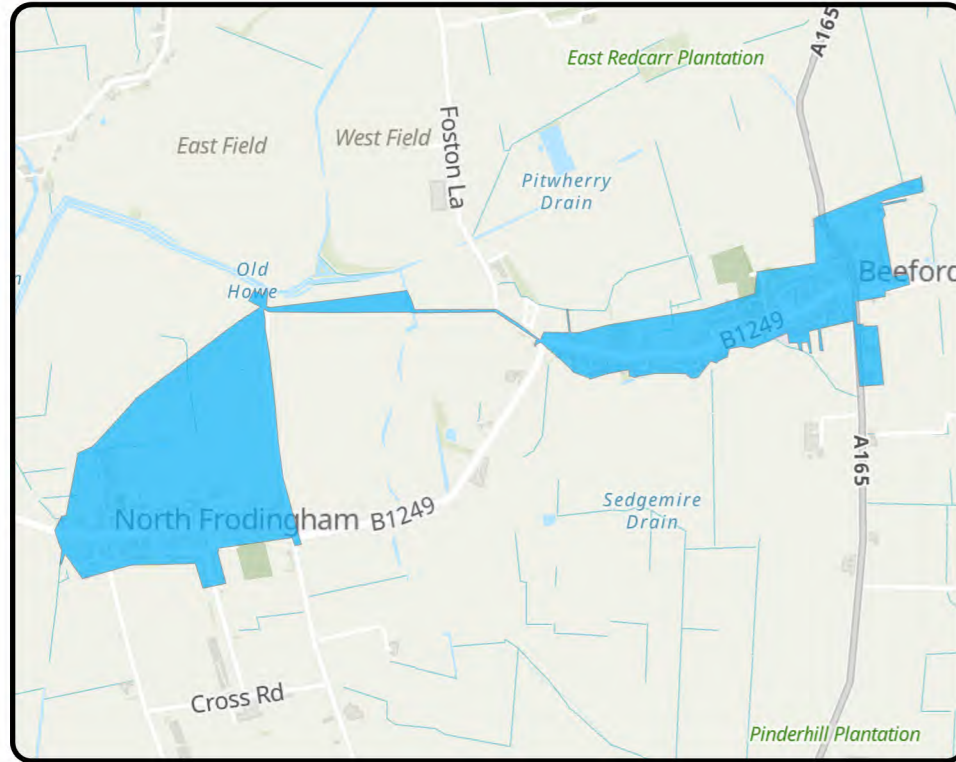
| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 0   | 0                         | 2                              | 1   | 1   | 2                                     | 2                                     | N/A                                  | N/A                                  | 1                              | 1                              | 1                              | 5                                | 5                                | 5                                | 1                          | 1                          | 1                          |



# Beeford Holderness Coast (Gypsy)

**Outcome: Investigate**

Work to understand in more detail the size and scale of the predicted catchment risk

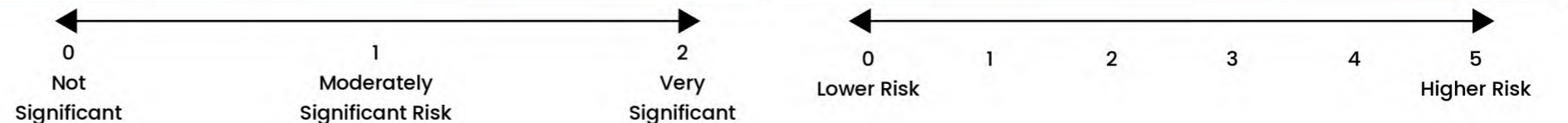


| Key Catchment Statistics                    |        |
|---|--------|
| 2020 Population Equivalent                  | 1,874  |
| 2050 Population Equivalent                  | 2,174  |
| Modelled Consented Storm Overflows          | -      |
| Wastewater Pumping Stations                 | 5      |
| Foul and Combined Sewer Length              | 7.8km  |
| Surface Water Sewer Length                  | 2.8km  |
| Site of Special Scientific Interest Present | No     |
| Special Area of Conservation Present        | No     |
| Priority River Habitat                      | No     |
| Catchment Wider Resilience Risk Band        | Medium |

| Outcome Summary  |
|--|
| <b>Sewer Flooding Risk</b>   |
| 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 low risk for 2050       |
| <b>Storm Overflow Risk</b>   |
| 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   |
| <b>WwTW Compliance Risk</b>  |
| 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 | Discharge to sensitive | 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                      | No                      | Yes                 | No                | No                  | No              | No                | Yes                             | No    | Yes             | Yes             | <b>YES</b>       |

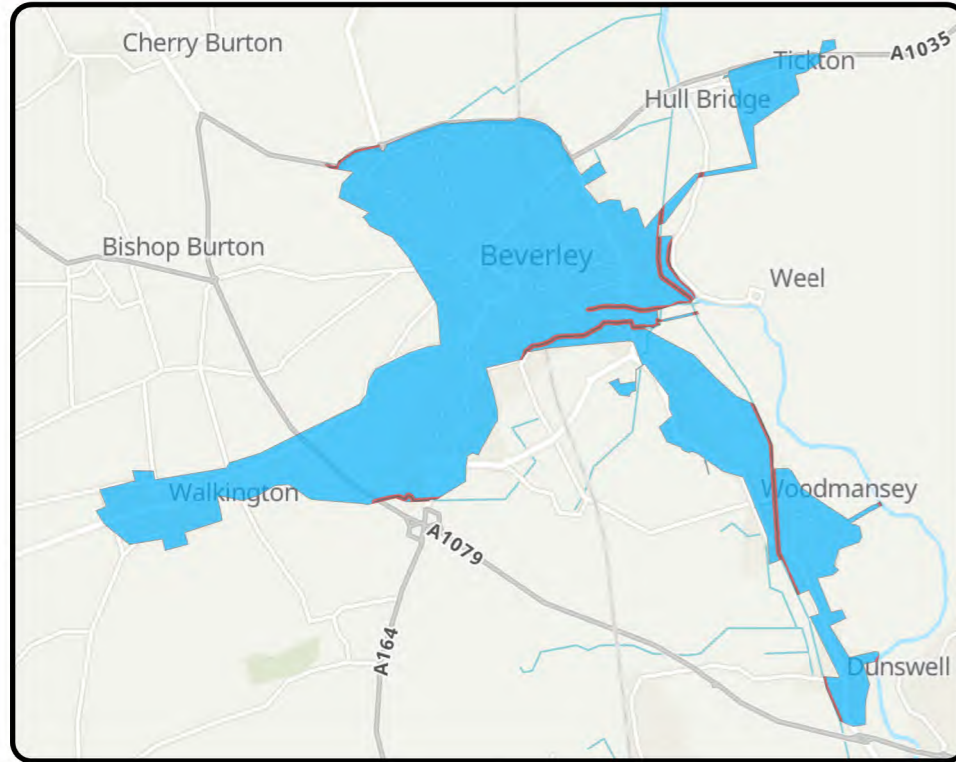
| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 2   | 2                         | 0                              | 2   | 2   | 0                                     | 0                                     | 0                                    | 0                                    | 1                              | 1                              | 1                              | 5                                | 5                                | 5                                | 1                          | 1                          | 1                          |



# Beverley Holderness Coast (Gypsey

**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                  | 38,820  |
| 2050 Population Equivalent                  | 44,864  |
| Modelled Consented Storm Overflows          | 9       |
| Wastewater Pumping Stations                 | 37      |
| Foul and Combined Sewer Length              | 145.1km |
| Surface Water Sewer Length                  | 64.1km  |
| Site of Special Scientific Interest Present | No      |
| Special Area of Conservation Present        | No      |
| Priority River Habitat                      | No      |
| Catchment Wider Resilience Risk Band        | High    |

## 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 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 low risk for 2050

## Risk Based Catchment Screening

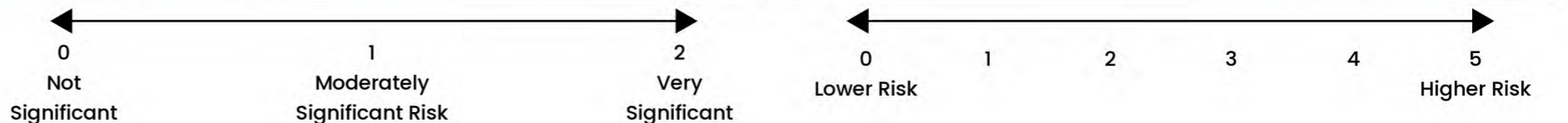
| Catchment Characterisation | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | SOAF | CAF | Internal Sewer Flooding | External Sewer Flooding | Pollution Incidents | WwTW Q Compliance | WwTW DWF Compliance | Storm Overflows | Other RMA Systems | Planned Residential Development | WINEP | Sewer Collapses | Sewer Blockages | Proceed to BRAVA |
|----------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Yes                        | No                          | No                     | No                     | No   | No  | No                      | Yes                     | Yes                 | Yes               | No                  | No              | No                | Yes                             | Yes   | Yes             | Yes             | <b>YES</b>       |

## National Baseline Risk and Vulnerability Assessment

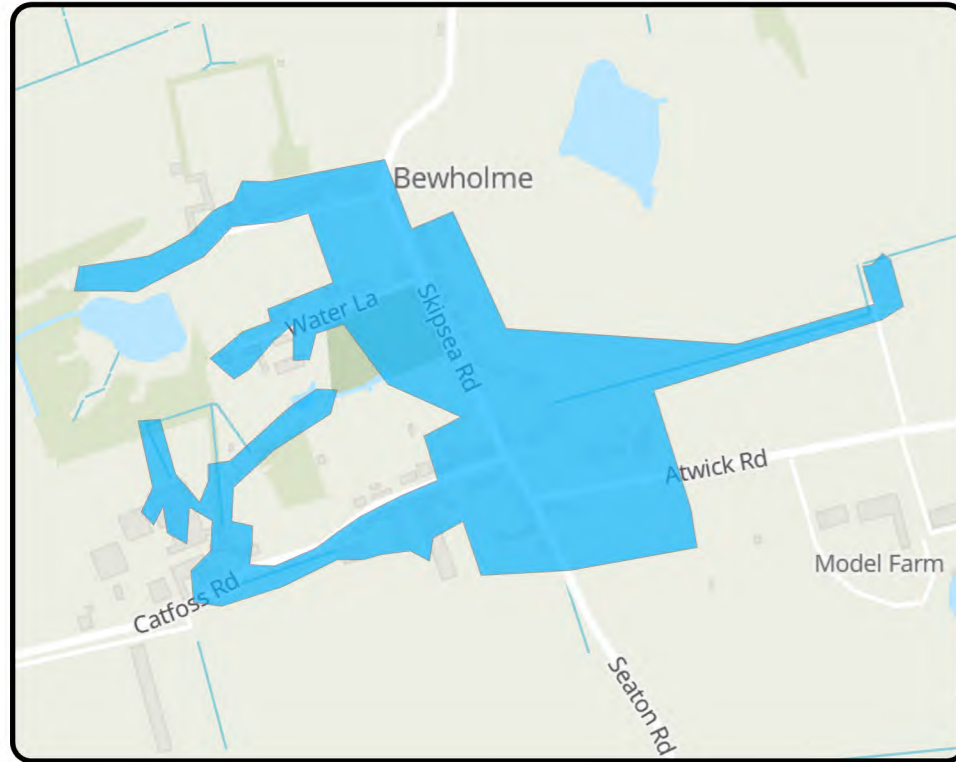
| Internal Sewer Flooding 2020 Score | Pollution Risk 2020 Score | Sewer Collapse Risk 2020 Score | Risk of Sewer Flooding (1 in 50) 2020 Score | Risk of Sewer Flooding (1 in 50) 2050 Score | Storm Overflow Performance 2020 Score | Storm Overflow Performance 2050 Score | Risk of WwTW Compliance Failure 2020 | Risk of WwTW Compliance Failure 2050 |
|------------------------------------|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|
| 0                                  | 2                         | 0                              | 1   | 1   | 2                                     | 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 |
|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 4.5                            | 5                              | 5                              | 3                                | 3                                | 3                                | 1                          | 1                          | 1                          |



# Bewholme Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 92    |
| 2050 Population Equivalent                  | 102   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 1     |
| Foul and Combined Sewer Length              | 1.5km |
| Surface Water Sewer Length                  | 0.3km |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | Yes             | <b>NO</b>        |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Brandesburton Holderness Coast (Gypsey

**Outcome: Investigate**

Work to understand in more detail the size and scale of the predicted catchment risk



| Key Catchment Statistics                    |        |
|---|--------|
| 2020 Population Equivalent                  | 2,557  |
| 2050 Population Equivalent                  | 2,872  |
| Modelled Consented Storm Overflows          | -      |
| Wastewater Pumping Stations                 | 8      |
| Foul and Combined Sewer Length              | 12.9km |
| Surface Water Sewer Length                  | 8km    |
| Site of Special Scientific Interest Present | No     |
| Special Area of Conservation Present        | No     |
| Priority River Habitat                      | No     |
| Catchment Wider Resilience Risk Band        | Medium |

| Outcome Summary  |
|--|
| <b>Sewer Flooding Risk</b>   |
| 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 low risk for 2050       |
| <b>Storm Overflow Risk</b>   |
| 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   |
| <b>WwTW Compliance Risk</b>  |
| 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 | Discharge to sensitive | 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                             | No    | No              | Yes             | <b>YES</b>       |

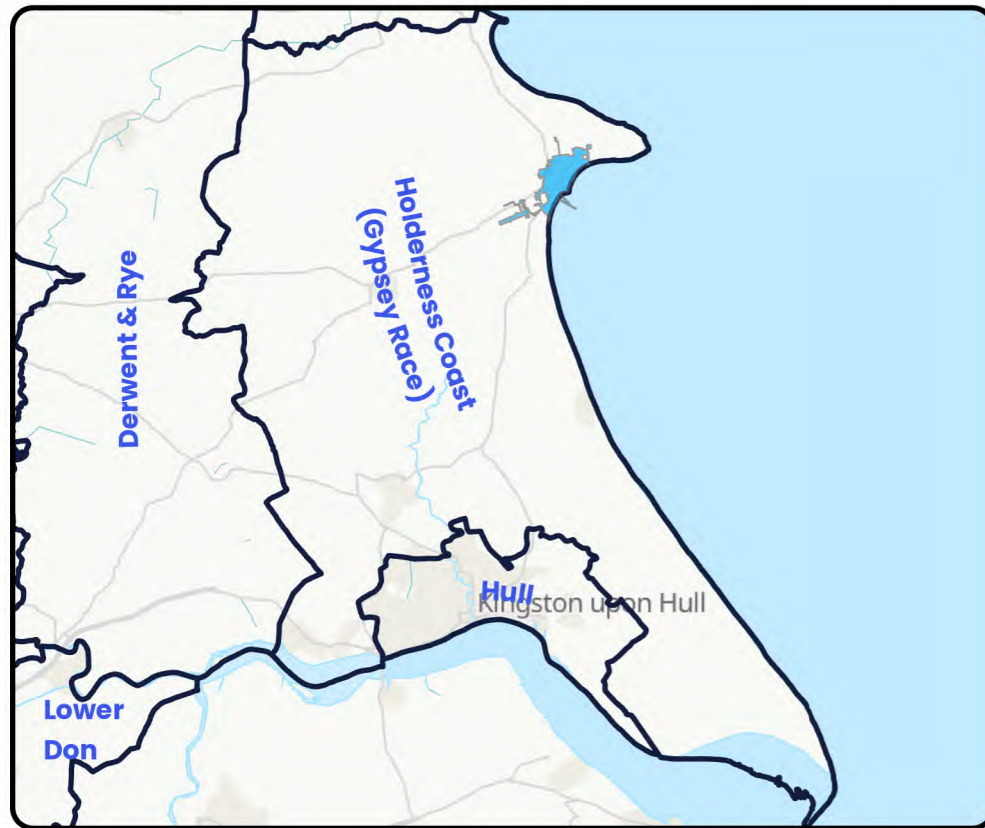
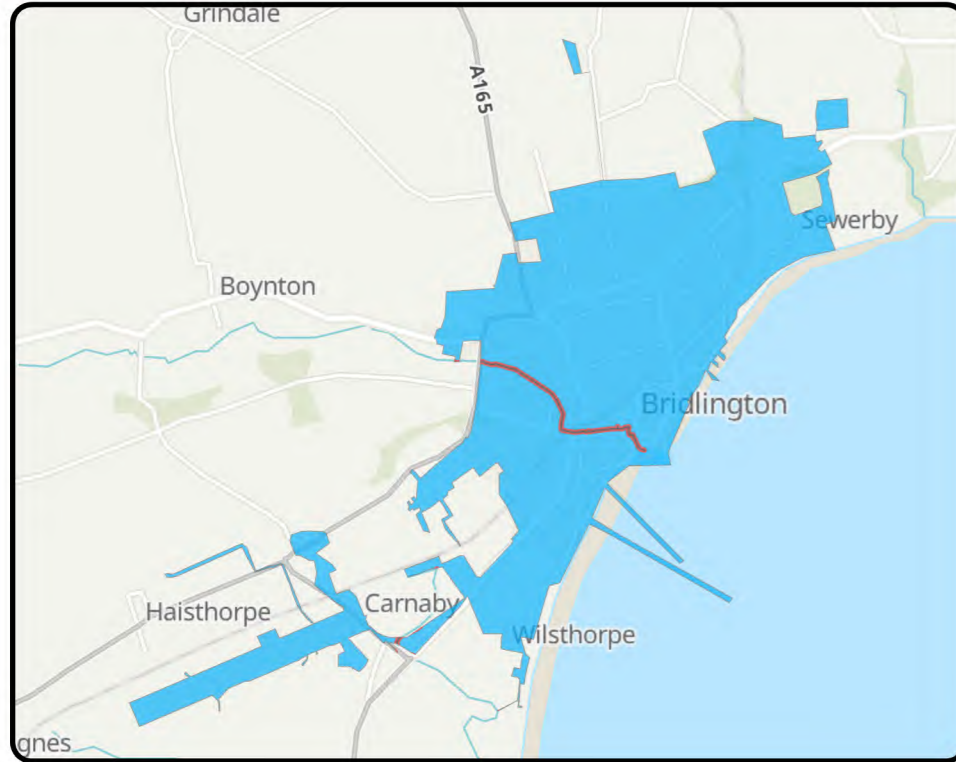
| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 0   | 0                         | 0                              | 2   | 2   | 0                                     | 0                                     | 1                                    | 2                                    | 1                              | 1                              | 1                              | 5                                | 5                                | 5                                | 2                          | 2                          | 2                          |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Bridlington Holderness Coast (Gypsey

**Outcome: Promote**

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

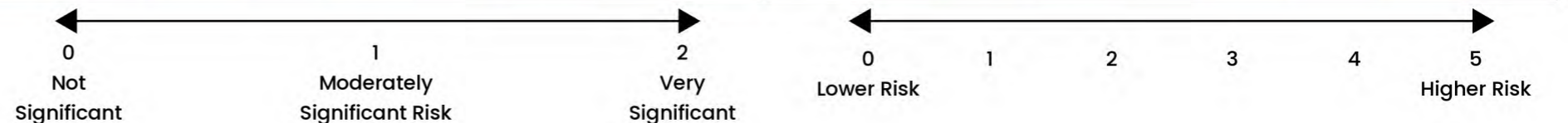


| Key Catchment Statistics                    |         |
|---|---------|
| 2020 Population Equivalent                  | 47,202  |
| 2050 Population Equivalent                  | 53,731  |
| Modelled Consented Storm Overflows          | 10      |
| Wastewater Pumping Stations                 | 25      |
| Foul and Combined Sewer Length              | 184.7km |
| Surface Water Sewer Length                  | 24.4km  |
| Site of Special Scientific Interest Present | Yes     |
| Special Area of Conservation Present        | Yes     |
| Priority River Habitat                      | Yes     |
| Catchment Wider Resilience Risk Band        | High    |

| Outcome Summary  |
|--|
| <b>Sewer Flooding Risk</b>   |
| 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    |
| <b>Storm Overflow Risk</b>   |
| 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   |
| <b>WwTW Compliance Risk</b>  |
| 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 | Discharge to sensitive | 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                            | Yes                         | No                     | No                     | Yes  | No  | Yes                     | Yes                     | No                  | No                | No                  | Yes             | No                | Yes                             | No    | Yes             | Yes             | <b>YES</b>       |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 2   | 2                         | 0                              | 1   | 1   | 2                                     | 2                                     | 0                                    | 0                                    | 4.5                            | 4.5                            | 5                              | 4                                | 4                                | 4                                | 1                          | 1                          | 1                          |



# Burton Agnes Holderness Coast (Gypsey

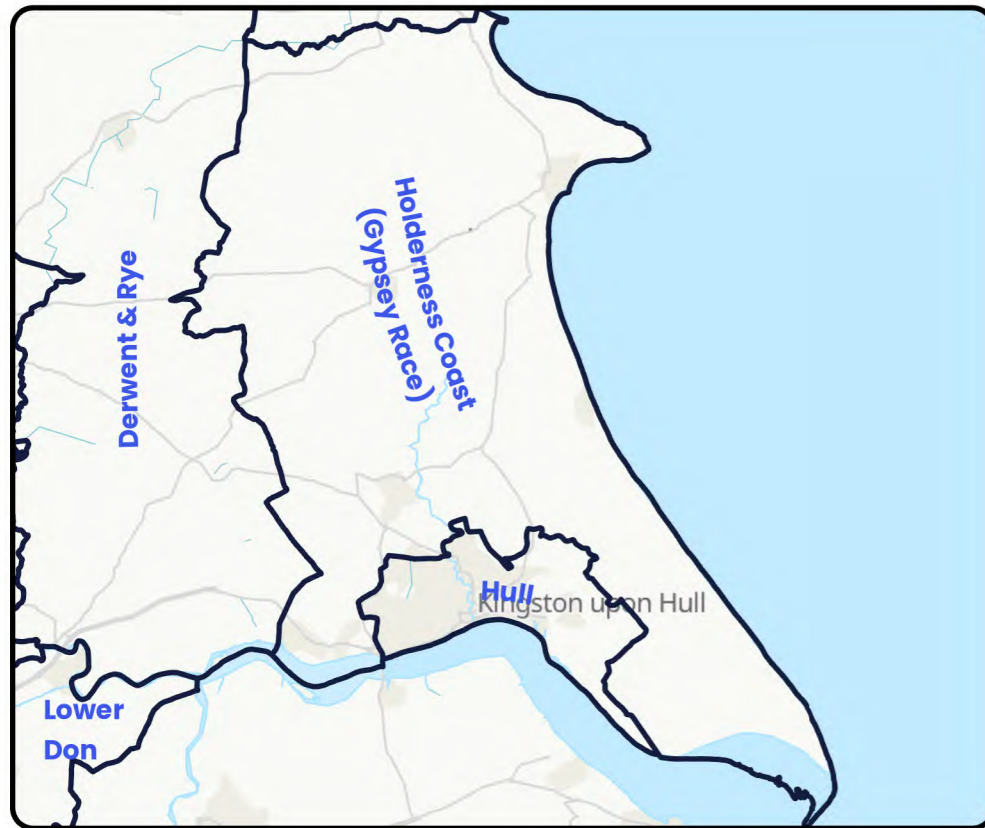
**Outcome: Observe**

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



| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 83    |
| 2050 Population Equivalent                  | 95    |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 0     |
| Foul and Combined Sewer Length              | 0.8km |
| Surface Water Sewer Length                  | 0.1km |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |



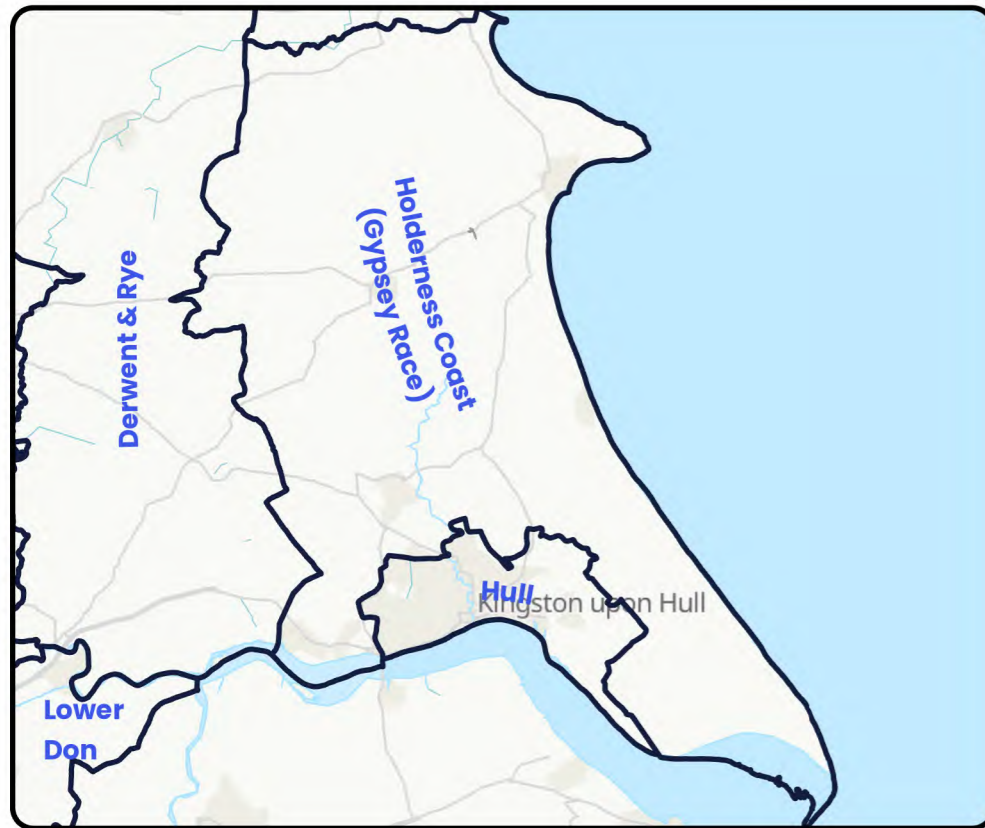
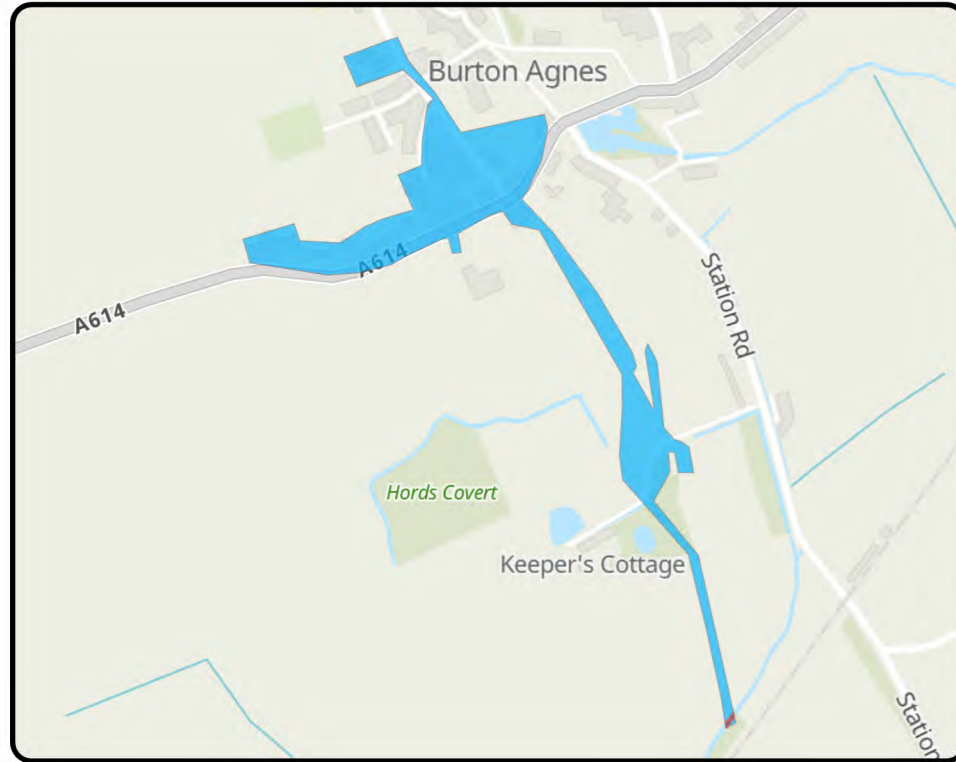
| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |           |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|-----------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | No              | No               | <b>NO</b> |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |     |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|-----|
| 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 | 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 |     |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        | N/A |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk



# Burton Agnes South Holderness Coast (Gypsey



**Outcome: Observe**

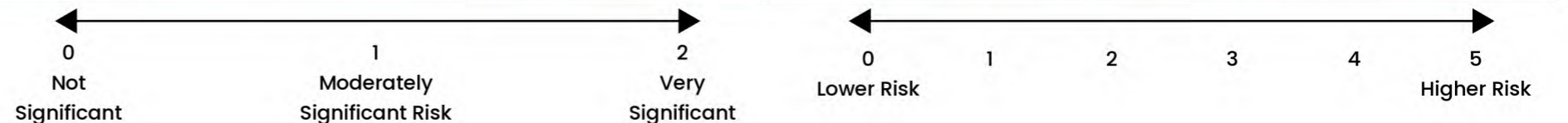
Did not trigger the required number of indicators in the RBCS process so therefore was not assessed against any criteria but will be reviewed in future DWMP cycles

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 70    |
| 2050 Population Equivalent                  | 80    |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 0     |
| Foul and Combined Sewer Length              | 1.5km |
| Surface Water Sewer Length                  | 0.1km |
| Site of Special Scientific Interest Present | No    |
| Special Area of Conservation Present        | No    |
| Priority River Habitat                      | No    |
| Catchment Wider Resilience Risk Band        | Low   |

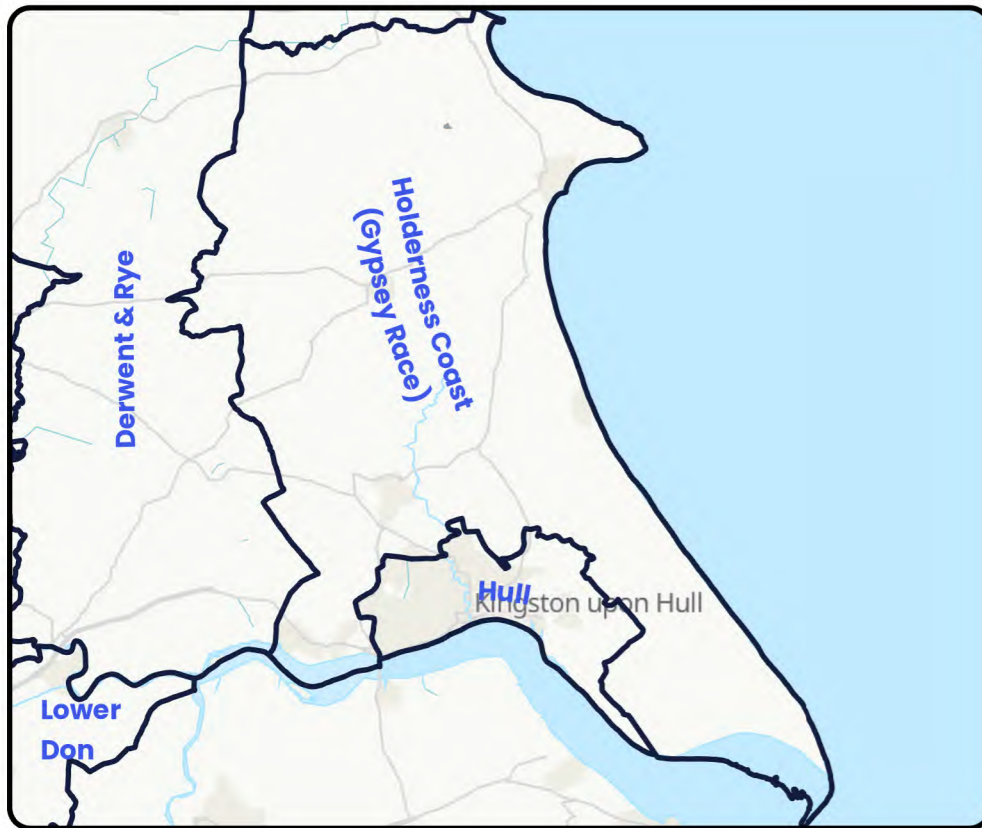
| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | Yes             | <b>NO</b>        |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |



# Burton Fleming Holderness Coast (Gypsey



**Outcome:** Monitor

Continue to monitor all potential risks in the catchment and promote once a suitable threshold is breached

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 204   |
| 2050 Population Equivalent                  | 238   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 1     |
| Foul and Combined Sewer Length              | 1.8km |
| Surface Water Sewer Length                  | 0.1km |
| Site of Special Scientific Interest Present | No    |
| Special Area of Conservation Present        | No    |
| Priority River Habitat                      | Yes   |
| Catchment Wider Resilience Risk Band        | Low   |

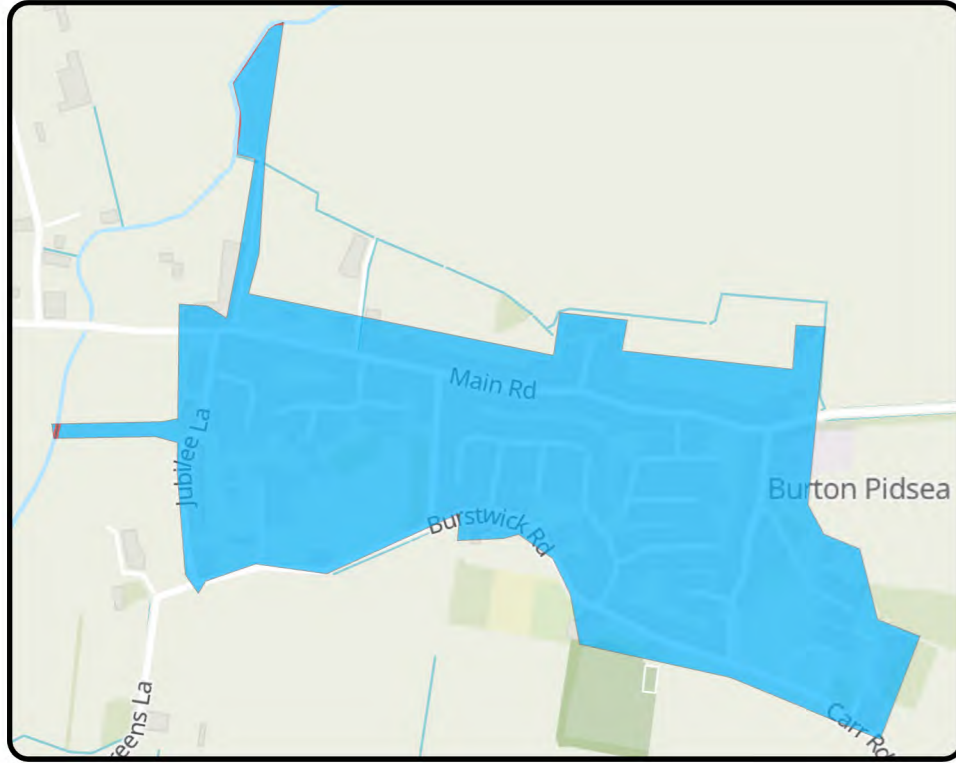
| Outcome Summary  |
|--|
| <b>Sewer Flooding Risk</b>   |
| By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for sewer flooding, we believe this catchment represents low risk for 2050       |
| <b>Storm Overflow Risk</b>   |
| 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   |
| <b>WwTW Compliance Risk</b>  |
| 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 | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | Yes   | No              | No              | <b>YES</b>       |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 0   | 2                         | 0                              | 2   | 2   | 2                                     | 2                                     | 0                                    | 0                                    | 1                              | 1                              | 1.5                            | 5                                | 5                                | 5                                | 1                          | 1                          | 1                          |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Burton Pidsea Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 945   |
| 2050 Population Equivalent                  | 1,074 |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 2     |
| Foul and Combined Sewer Length              | 4.3km |
| Surface Water Sewer Length                  | 2.2km |
| Site of Special Scientific Interest Present | No    |
| Special Area of Conservation Present        | No    |
| Priority River Habitat                      | No    |
| Catchment Wider Resilience Risk Band        | Low   |

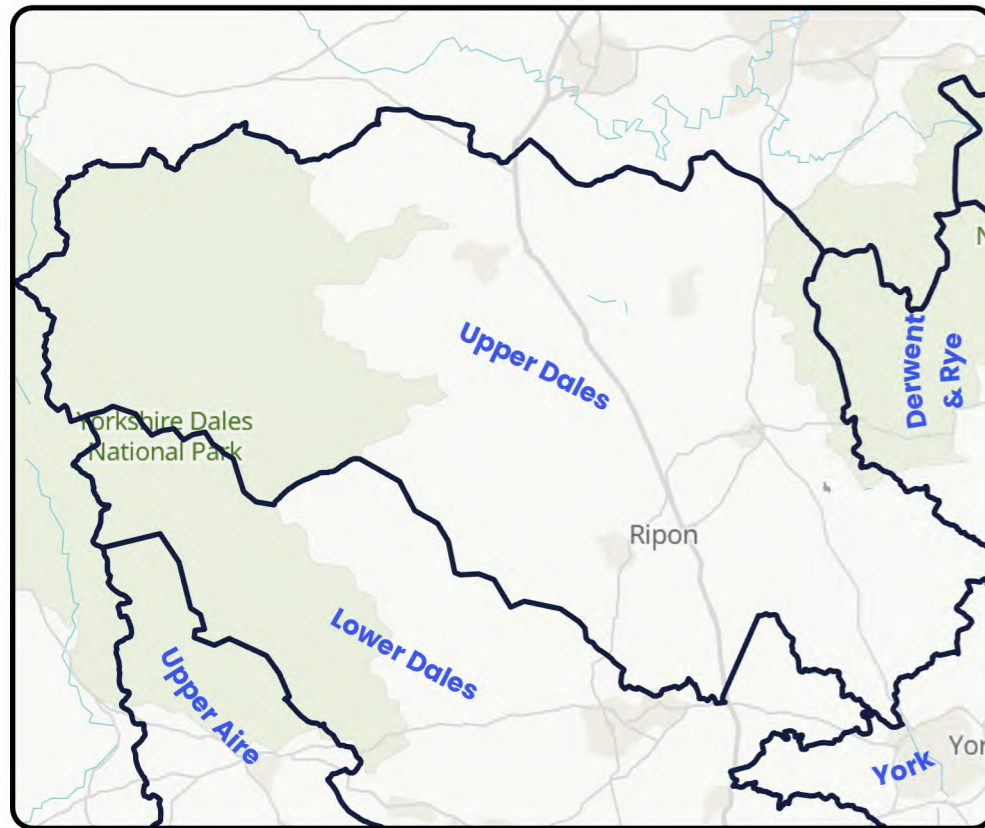
| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | Yes             | <b>NO</b>        |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Carlton Husthwaite Upper Dales



**Outcome: 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

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 158   |
| 2050 Population Equivalent                  | 179   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 1     |
| Foul and Combined Sewer Length              | 0.7km |
| Surface Water Sewer Length                  | 0.3km |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

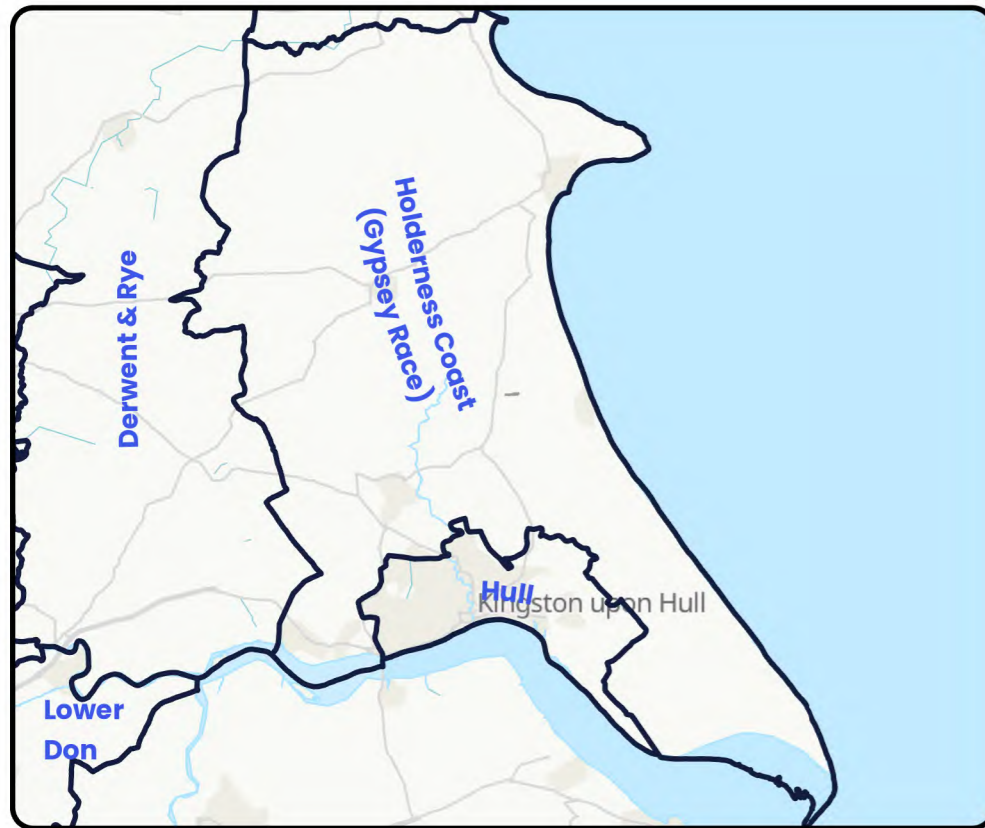
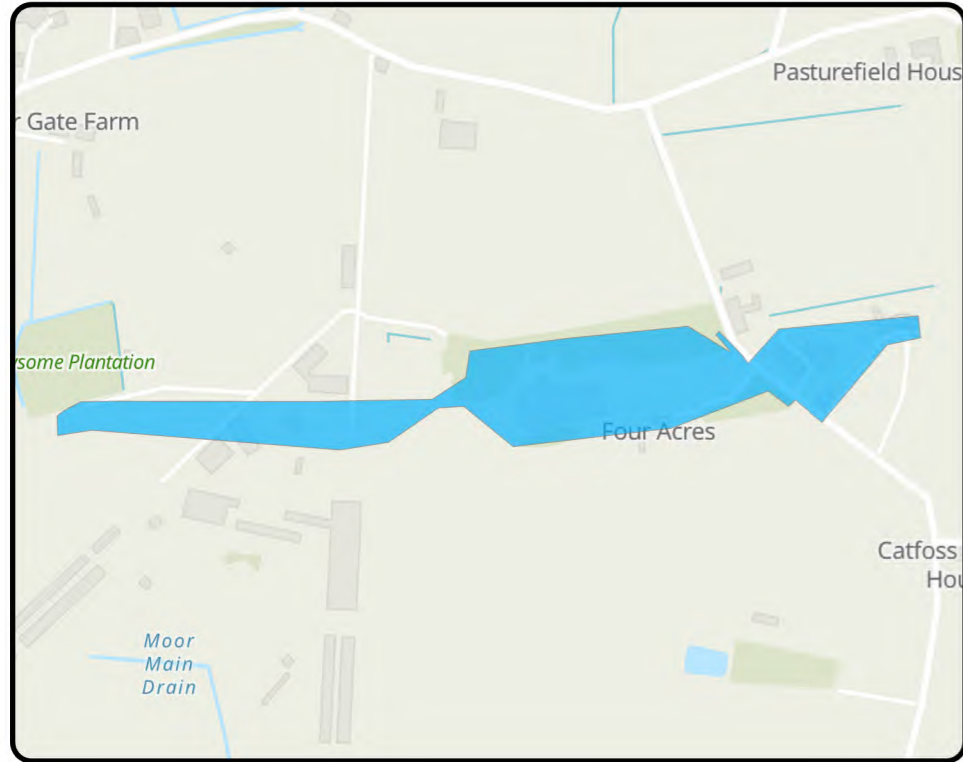
| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | No              | NO               |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk



# Catfoss Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 39    |
| 2050 Population Equivalent                  | 43    |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 3     |
| Foul and Combined Sewer Length              | 0.4km |
| Surface Water Sewer Length                  | 0.2km |
| Site of Special Scientific Interest Present | No    |
| Special Area of Conservation Present        | No    |
| Priority River Habitat                      | No    |
| Catchment Wider Resilience Risk Band        | Low   |

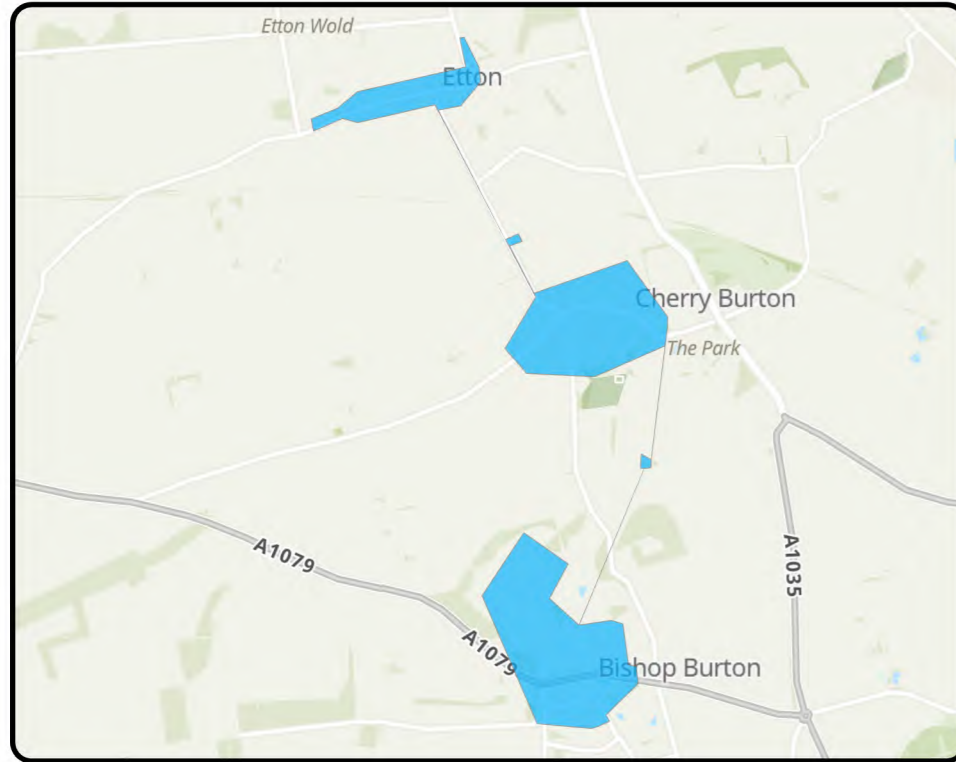
| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |           |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|-----------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | No              | No               | <b>NO</b> |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |     |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|-----|
| 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 | 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 |     |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        | N/A |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Cherry Burton Holderness Coast (Gypsey



**Outcome: Promote**

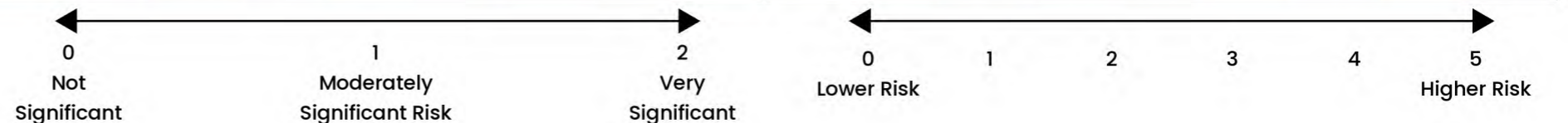
Develop strategic catchment based solution options to address predicted risks and look for potential opportunities for partnership working

| Key Catchment Statistics                    |        |
|---|--------|
| 2020 Population Equivalent                  | 2,413  |
| 2050 Population Equivalent                  | 2,738  |
| Modelled Consented Storm Overflows          | -      |
| Wastewater Pumping Stations                 | 5      |
| Foul and Combined Sewer Length              | 8.6km  |
| Surface Water Sewer Length                  | 4.6km  |
| Site of Special Scientific Interest Present | No     |
| Special Area of Conservation Present        | No     |
| Priority River Habitat                      | No     |
| Catchment Wider Resilience Risk Band        | Medium |

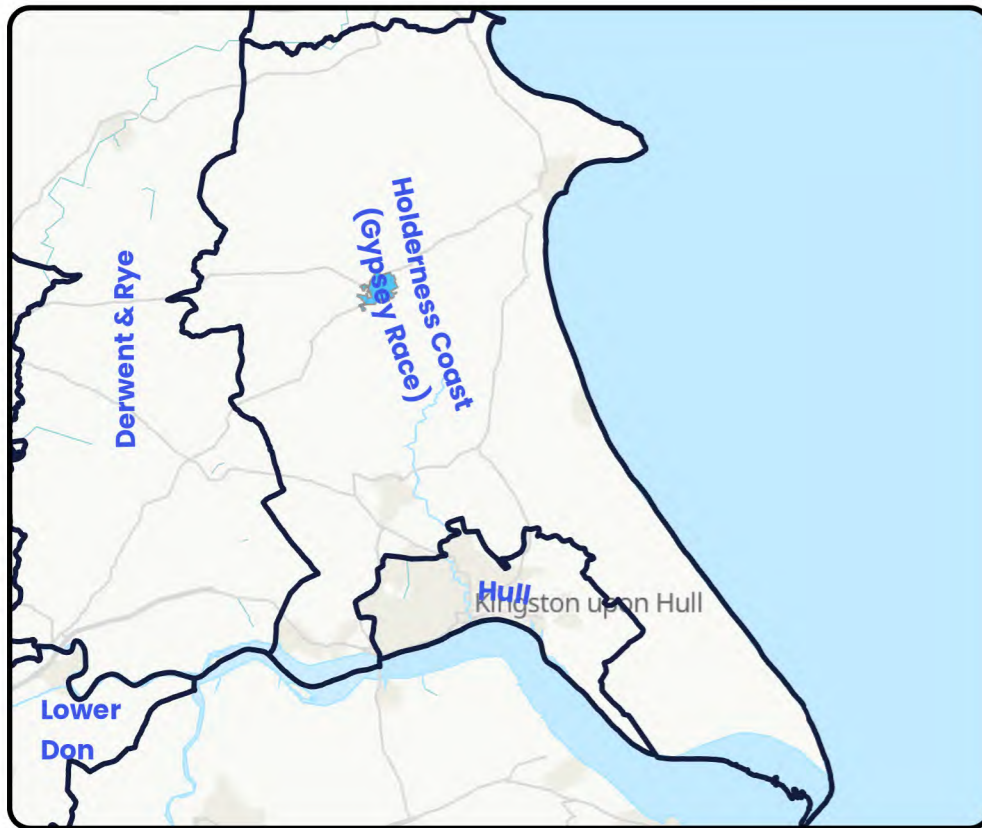
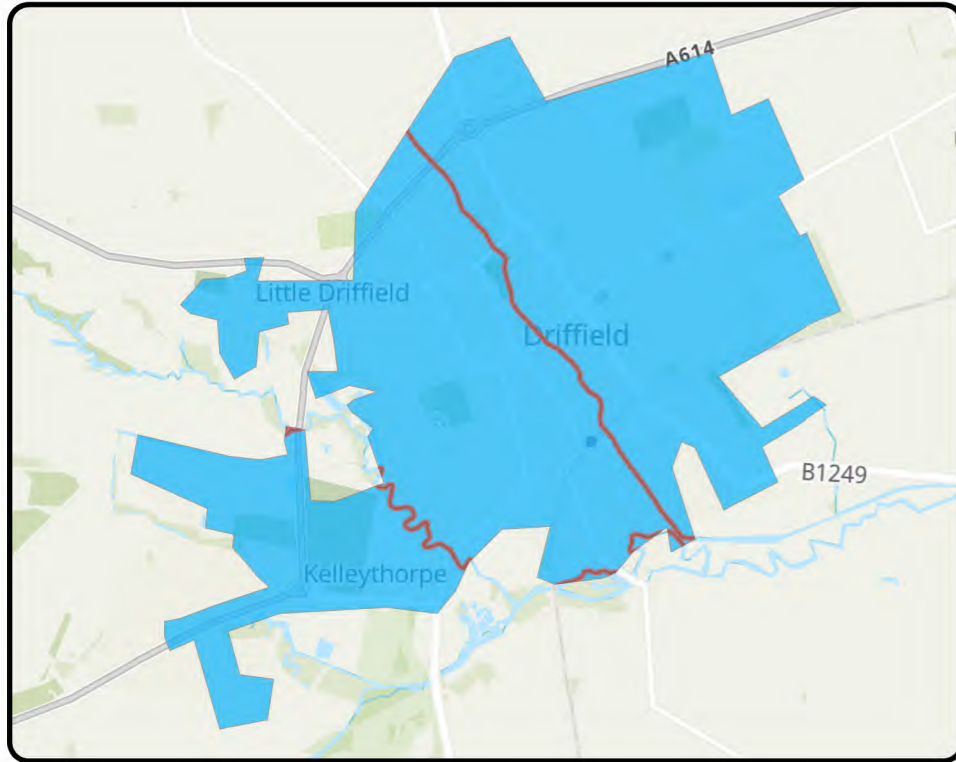
| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for sewer flooding, we believe this catchment represents a moderate risk for 2050       |
| <b>Storm Overflow Risk</b>  |
| 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          |
| <b>WwTW Compliance Risk</b>   |
| 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 | Discharge to sensitive | 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   | No              | Yes             | <b>YES</b>       |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 0   | 0                         | 0                              | 2   | 2   | 0                                     | 0                                     | 0                                    | 0                                    | 2.5                            | 2.5                            | 2.5                            | 5                                | 5                                | 5                                | 3                          | 3                          | 3                          |



# Driffield Holderness Coast (Gypsey



**Outcome: Monitor**

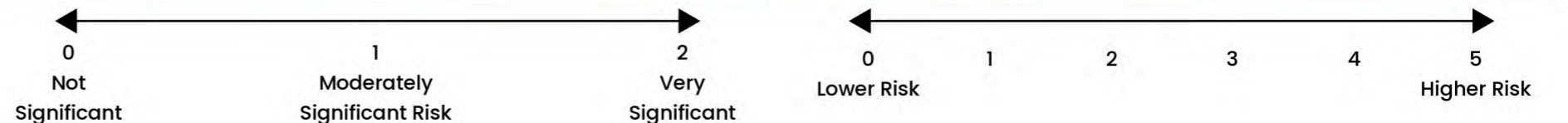
Continue to monitor all potential risks in the catchment and promote once a suitable threshold is breached

| Key Catchment Statistics                    |        |
|---|--------|
| 2020 Population Equivalent                  | 14,610 |
| 2050 Population Equivalent                  | 17,019 |
| Modelled Consented Storm Overflows          | -      |
| Wastewater Pumping Stations                 | 19     |
| Foul and Combined Sewer Length              | 52.9km |
| Surface Water Sewer Length                  | 22.9km |
| Site of Special Scientific Interest Present | Yes    |
| Special Area of Conservation Present        | No     |
| Priority River Habitat                      | No     |
| Catchment Wider Resilience Risk Band        | High   |

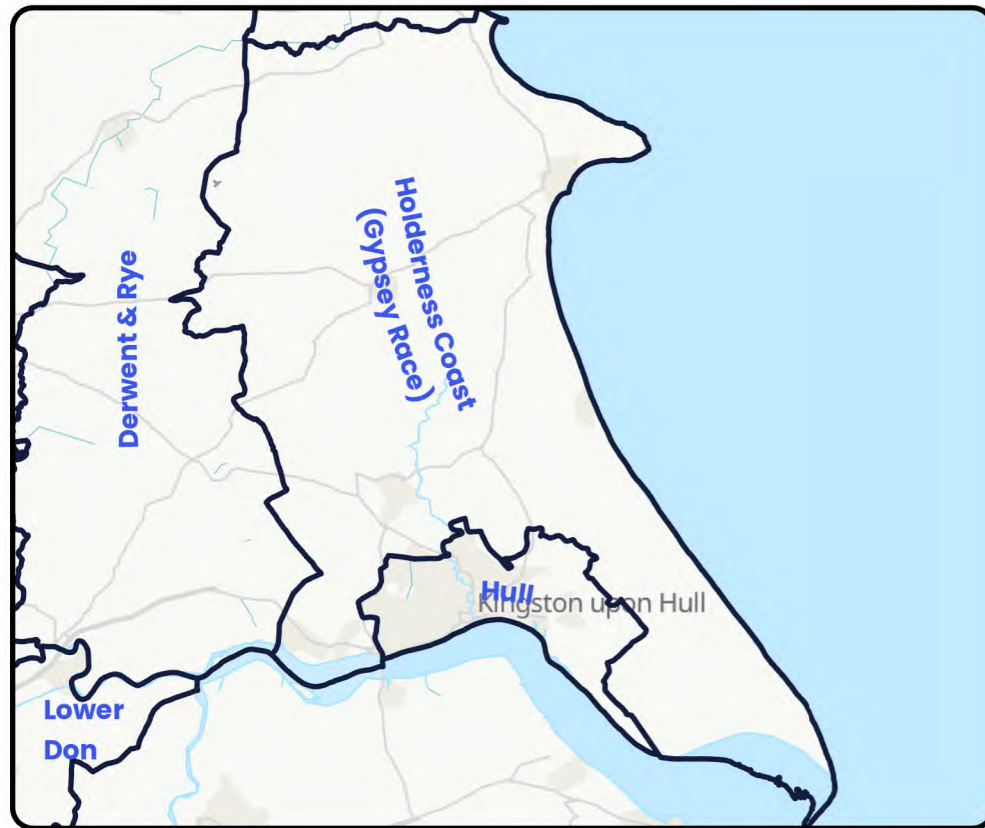
| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for sewer flooding, we believe this catchment represents a moderate risk for 2050 |
| <b>Storm Overflow Risk</b>  |
| 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 low risk for 2050       |
| <b>WwTW Compliance Risk</b>   |
| 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 | Discharge to sensitive | 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                     | Yes  | Yes | Yes                     | Yes                     | Yes                 | Yes               | No                  | No              | No                | Yes                             | No    | Yes             | Yes             | <b>YES</b>       |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 0   | 2                         | 0                              | 1   | 1   | 0                                     | 0                                     | 0                                    | 0                                    | 1.5                            | 2                              | 2.5                            | 2                                | 2                                | 2                                | 1                          | 1                          | 1                          |



# Duggleby Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |     |
|---|-----|
| 2020 Population Equivalent                  | 183 |
| 2050 Population Equivalent                  | 212 |
| Modelled Consented Storm Overflows          | -   |
| Wastewater Pumping Stations                 | 1   |
| Foul and Combined Sewer Length              | 1km |
| Surface Water Sewer Length                  | 0km |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

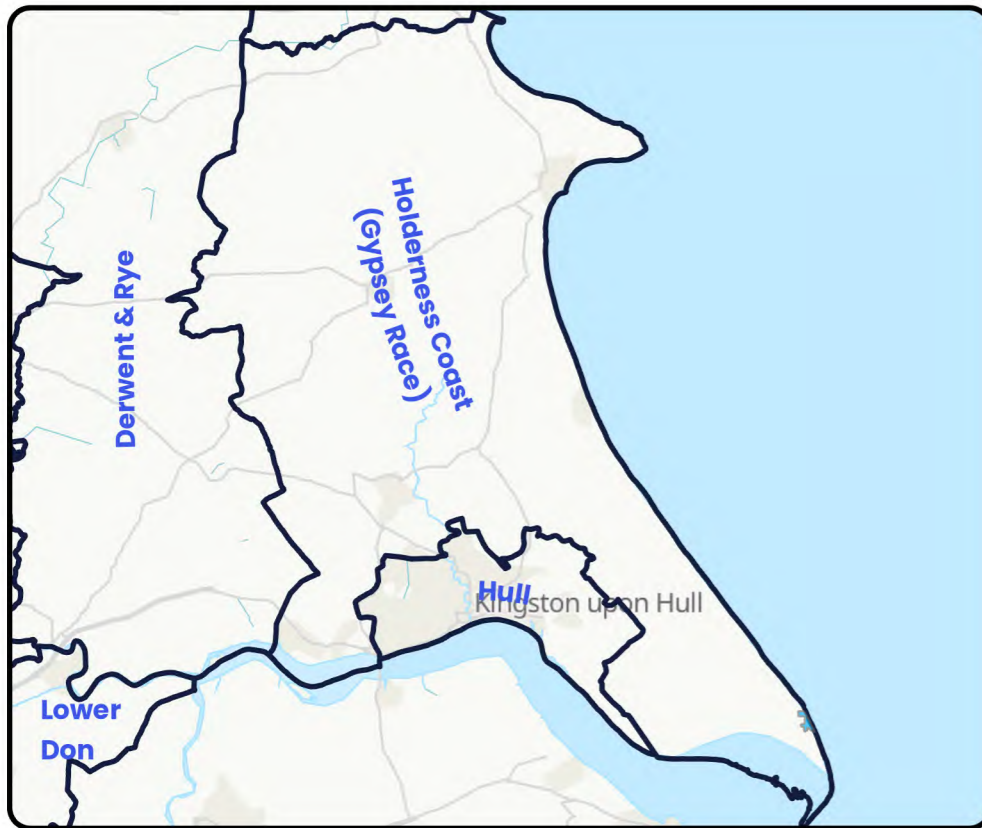
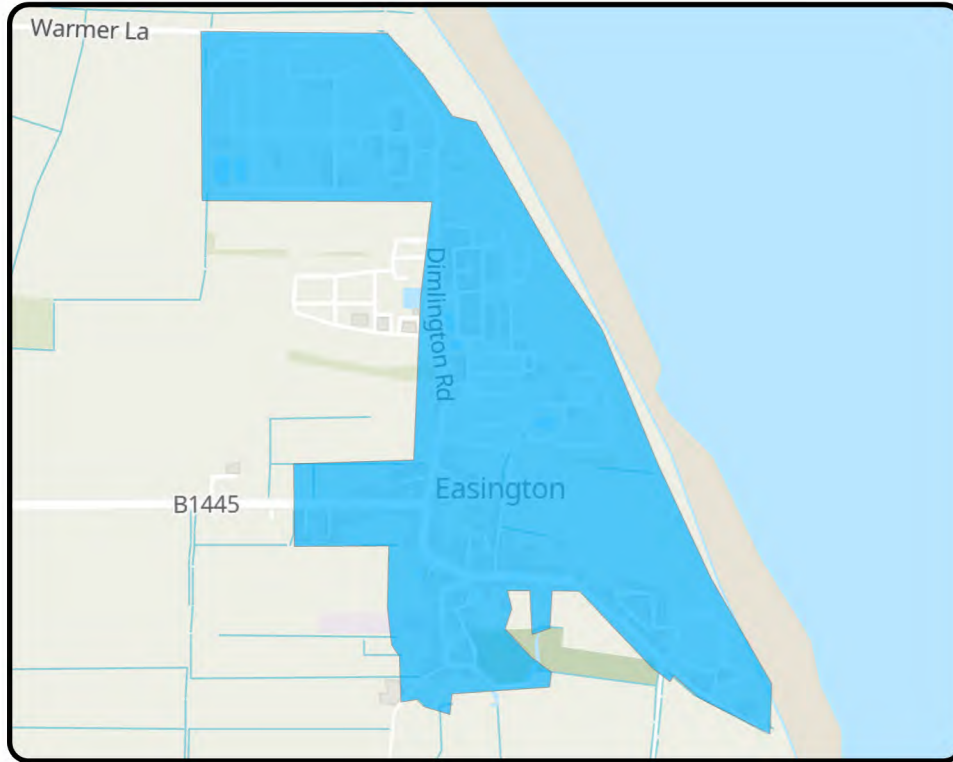
| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |           |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|-----------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | No              | No               | <b>NO</b> |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |     |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|-----|
| 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 | 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 |     |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        | N/A |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk



# Easington Holderness Coast (Gypsey



**Outcome: Investigate**

Work to understand in more detail the size and scale of the predicted catchment risk

| Key Catchment Statistics                    |     |
|---|-----|
| 2020 Population Equivalent                  | 857 |
| 2050 Population Equivalent                  | 934 |
| Modelled Consented Storm Overflows          | -   |
| Wastewater Pumping Stations                 | 1   |
| Foul and Combined Sewer Length              | 3km |
| Surface Water Sewer Length                  | 2km |
| Site of Special Scientific Interest Present | No  |
| Special Area of Conservation Present        | No  |
| Priority River Habitat                      | No  |
| Catchment Wider Resilience Risk Band        | Low |

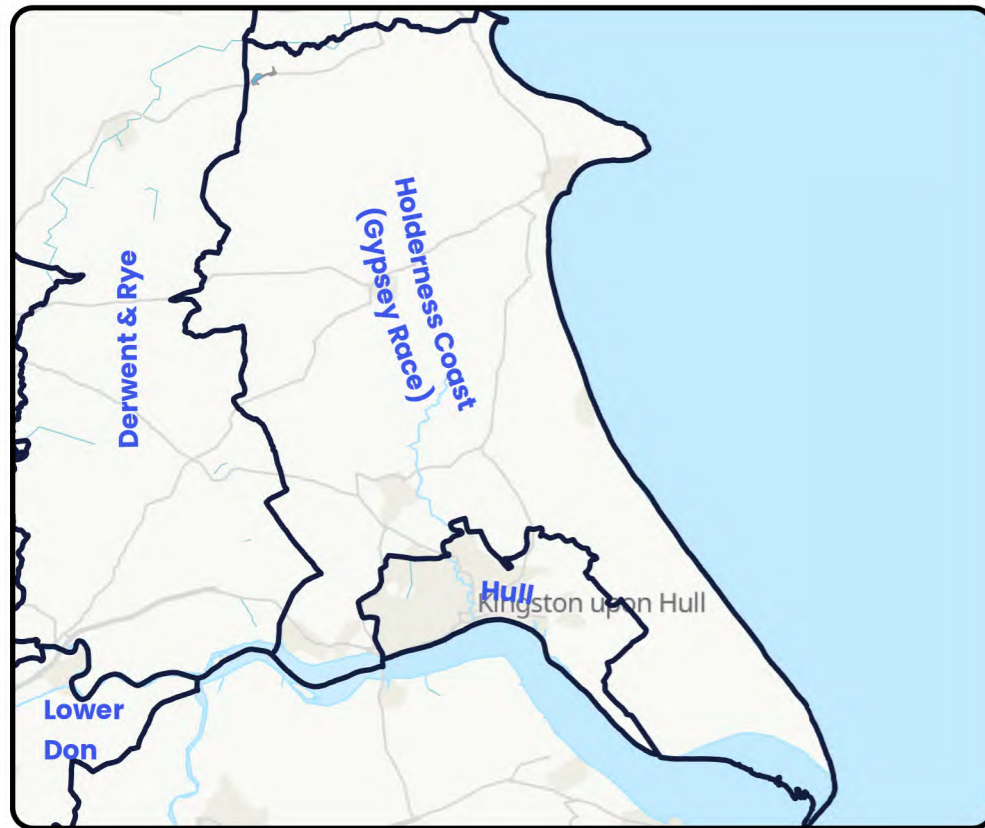
| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for sewer flooding, we believe this catchment represents a moderate risk for 2050 |
| <b>Storm Overflow Risk</b>  |
| 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    |
| <b>WwTW Compliance Risk</b>   |
| 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 | Discharge to sensitive | 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                     | Yes  | No  | No                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | Yes             | Yes             | <b>YES</b>       |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 0   | 0                         | 0                              | 2   | 2   | 2                                     | 2                                     | 0                                    | 0                                    | 2                              | 2.5                            | 2.5                            | 5                                | 5                                | 5                                | 1                          | 1                          | 1                          |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# East Heslerton Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 331   |
| 2050 Population Equivalent                  | 402   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 1     |
| Foul and Combined Sewer Length              | 2.2km |
| Surface Water Sewer Length                  | 0km   |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | Yes             | Yes             | <b>NO</b>        |

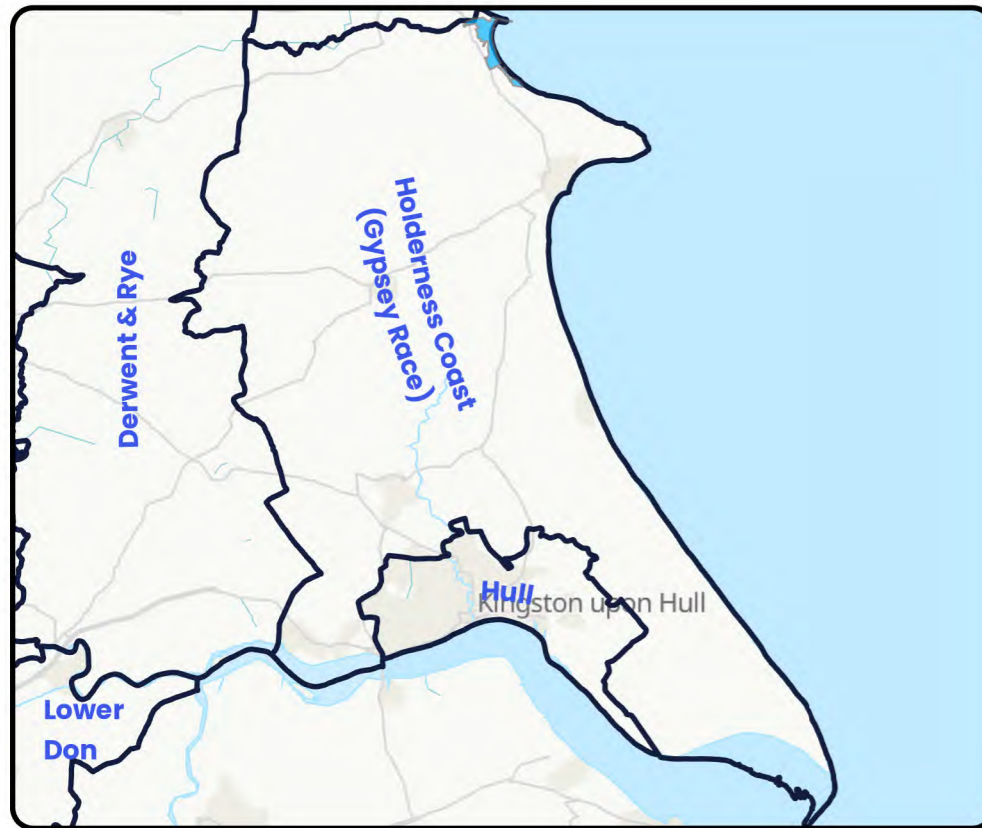
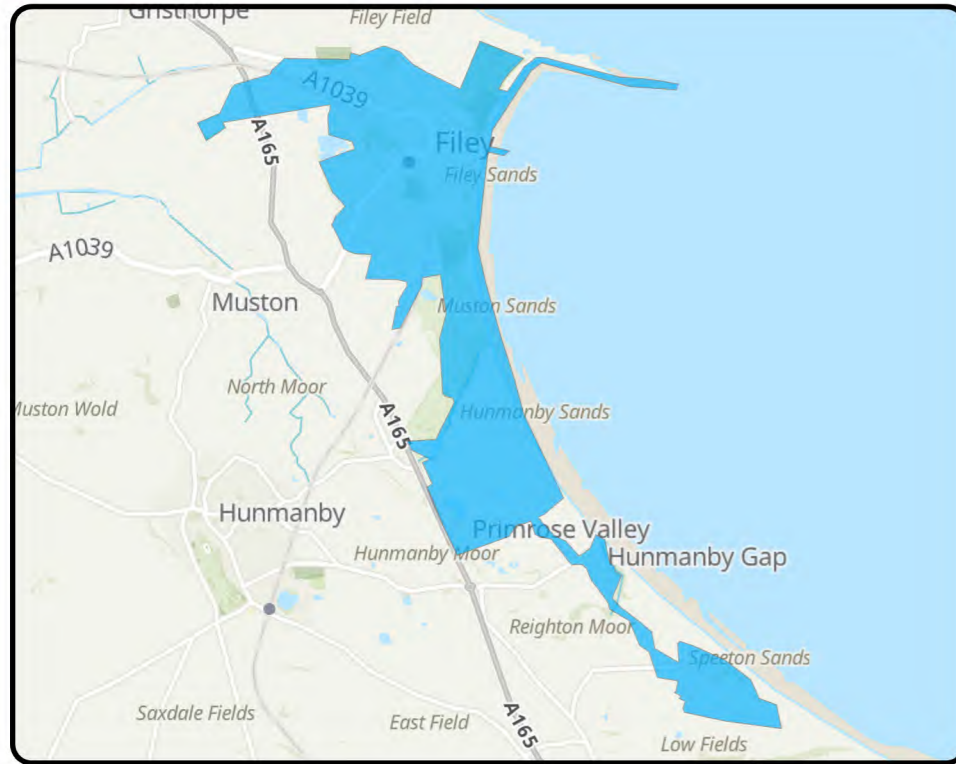
| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Filey Holderness Coast (Gypsey

**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                  | 11,545 |
| 2050 Population Equivalent                  | 12,785 |
| Modelled Consented Storm Overflows          | 4      |
| Wastewater Pumping Stations                 | 12     |
| Foul and Combined Sewer Length              | 47.3km |
| Surface Water Sewer Length                  | 20.8km |
| Site of Special Scientific Interest Present | Yes    |
| Special Area of Conservation Present        | No     |
| Priority River Habitat                      | No     |
| Catchment Wider Resilience Risk Band        | High   |

## 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 low risk for 2050

## Risk Based Catchment Screening

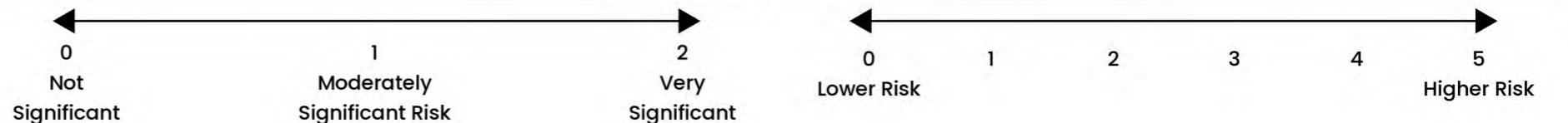
| Catchment Characterisation | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | SOAF | CAF | Internal Sewer Flooding | External Sewer Flooding | Pollution Incidents | WwTW Q Compliance | WwTW DWF Compliance | Storm Overflows | Other RMA Systems | Planned Residential Development | WINEP | Sewer Collapses | Sewer Blockages | Proceed to BRAVA |
|----------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Yes                        | No                          | No                     | No                     | No   | Yes | Yes                     | Yes                     | No                  | No                | No                  | No              | No                | Yes                             | No    | No              | Yes             | <b>YES</b>       |

## 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   | 1                                     | 1                                     | 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 |
|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 2                              | 2.5                            | 3                              | 3                                | 3                                | 3                                | 1                          | 1                          | 1                          |



# Flamborough Village Holderness Coast (Gypsey

**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                  | 4,782  |
| 2050 Population Equivalent                  | 5,303  |
| Modelled Consented Storm Overflows          | 5      |
| Wastewater Pumping Stations                 | 5      |
| Foul and Combined Sewer Length              | 19km   |
| Surface Water Sewer Length                  | 3.6km  |
| Site of Special Scientific Interest Present | Yes    |
| Special Area of Conservation Present        | Yes    |
| 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 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 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 low risk for 2050

## Risk Based Catchment Screening

| Catchment Characterisation | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                     | Yes  | No  | No                      | Yes                     | Yes                 | Yes               | No                  | No              | No                | Yes                             | No    | No              | Yes             | <b>YES</b>       |

## 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                                  | 2                         | 2                              | 1   | 1   | 1                                     | 1                                     | 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 |
|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 3                              | 3.5                            | 4                              | 3                                | 3                                | 3                                | 2                          | 2                          | 2                          |

0  
Not Significant

1  
Moderately Significant Risk

2  
Very Significant

0  
Lower Risk

1

2

3

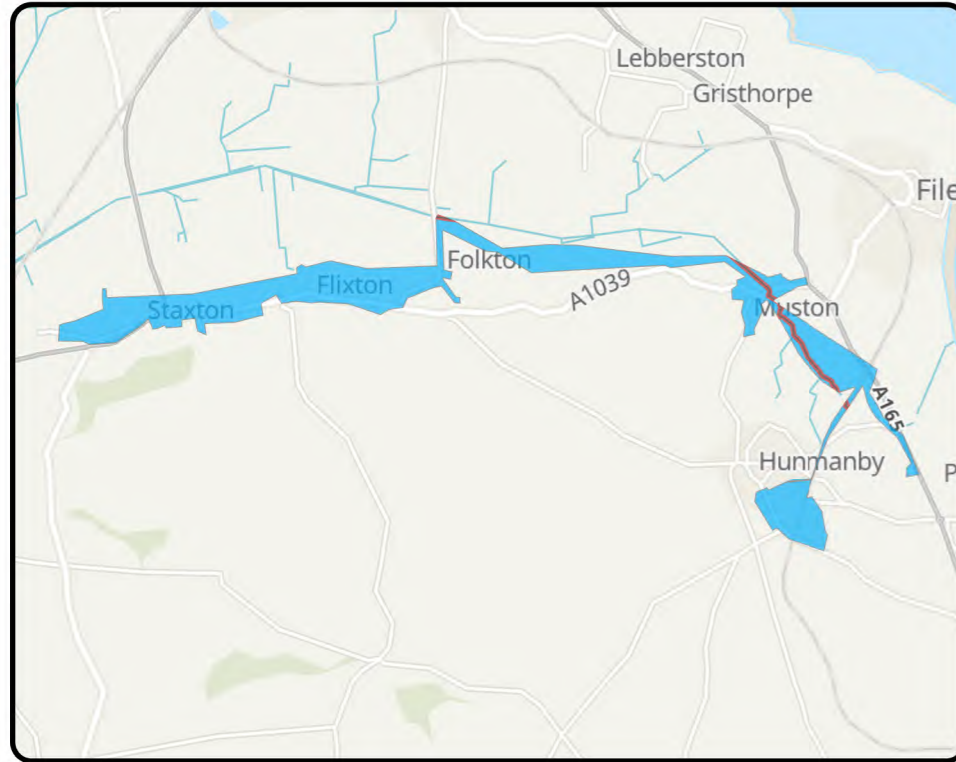
4

5  
Higher Risk

# Folkton Holderness Coast (Gypsey

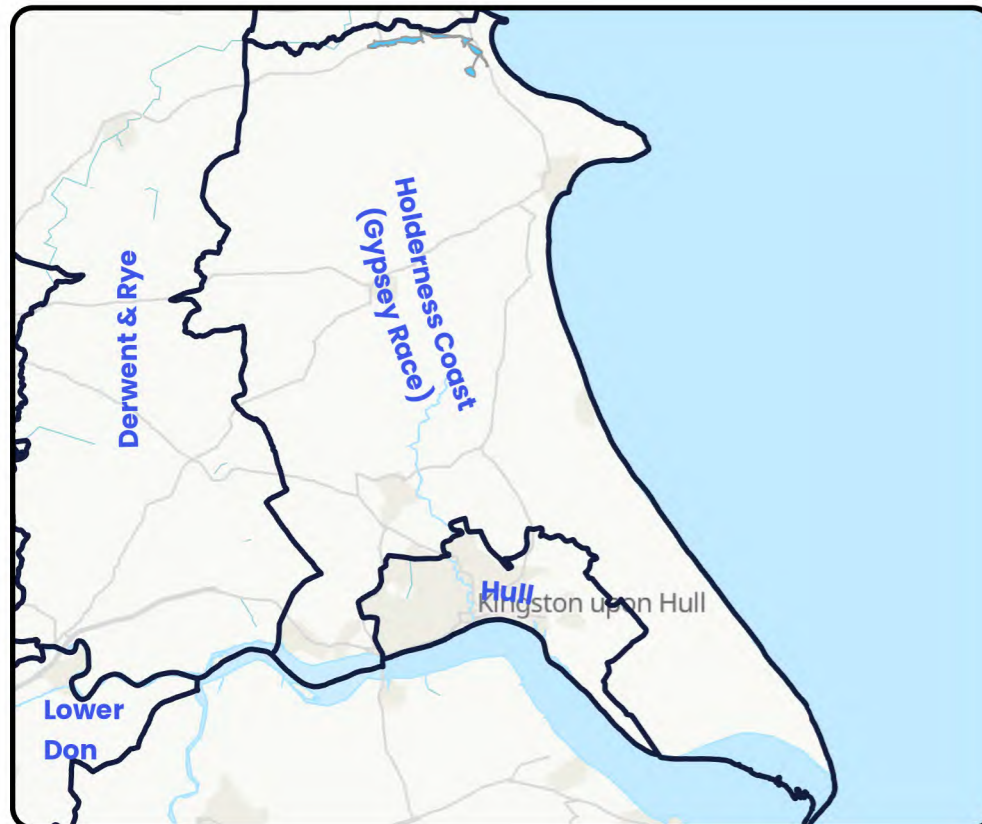
**Outcome: Promote**

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



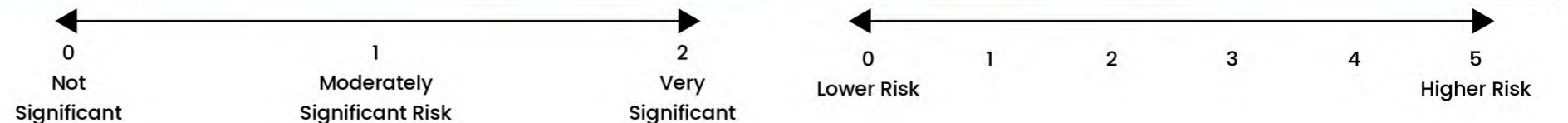
| Key Catchment Statistics                    |        |
|---|--------|
| 2020 Population Equivalent                  | 2,836  |
| 2050 Population Equivalent                  | 3,252  |
| Modelled Consented Storm Overflows          | 3      |
| Wastewater Pumping Stations                 | 8      |
| Foul and Combined Sewer Length              | 15.6km |
| Surface Water Sewer Length                  | 5.5km  |
| Site of Special Scientific Interest Present | No     |
| Special Area of Conservation Present        | No     |
| Priority River Habitat                      | No     |
| Catchment Wider Resilience Risk Band        | Medium |

| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| 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 low risk for 2050              |
| <b>Storm Overflow Risk</b>  |
| 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      |
| <b>WwTW Compliance Risk</b>   |
| 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 | Discharge to sensitive | 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  | Yes                     | Yes                     | Yes                 | No                | No                  | No              | No                | Yes                             | No    | No              | Yes             | <b>YES</b>       |

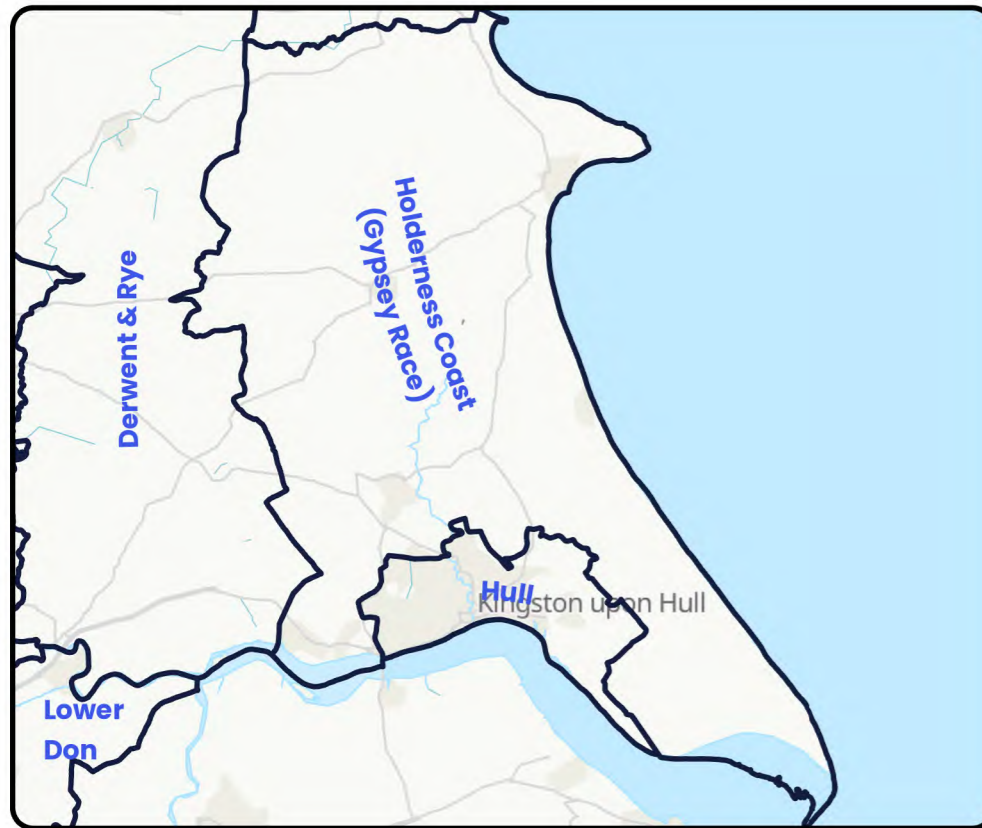
| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 2   | 2                         | 2                              | 1   | 1   | 1                                     | 1                                     | 1                                    | 2                                    | 1                              | 1                              | 1                              | 3                                | 3                                | 3                                | 2                          | 2                          | 3                          |



# Foston On The Wolds Holderness Coast (Gypsey

**Outcome: 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



| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 14    |
| 2050 Population Equivalent                  | 17    |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 0     |
| Foul and Combined Sewer Length              | 0.2km |
| Surface Water Sewer Length                  | 0km   |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | No              | NO               |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Foxholes Holderness Coast (Gypsey



**Outcome: Observe**

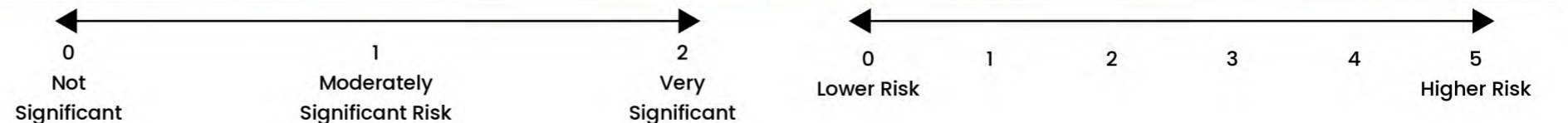
Did not trigger the required number of indicators in the RBCS process so therefore was not assessed against any criteria but will be reviewed in future DWMP cycles

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 210   |
| 2050 Population Equivalent                  | 244   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 2     |
| Foul and Combined Sewer Length              | 1.4km |
| Surface Water Sewer Length                  | 0.1km |
| Site of Special Scientific Interest Present | No    |
| Special Area of Conservation Present        | No    |
| Priority River Habitat                      | Yes   |
| Catchment Wider Resilience Risk Band        | Low   |

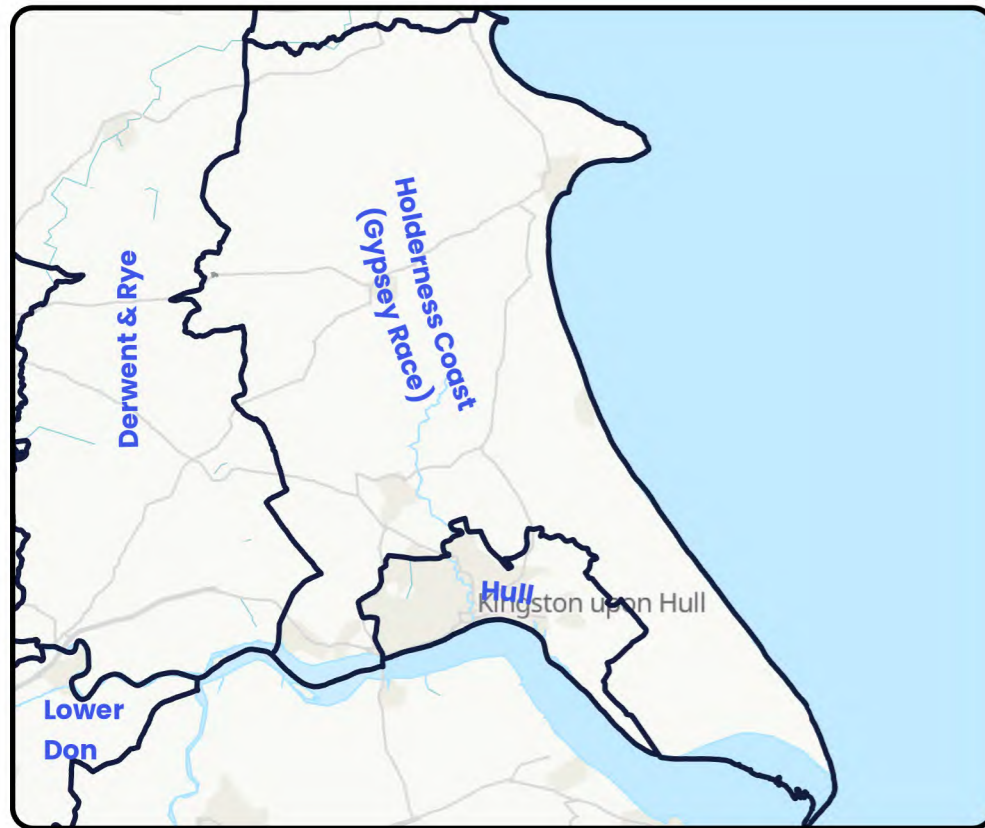
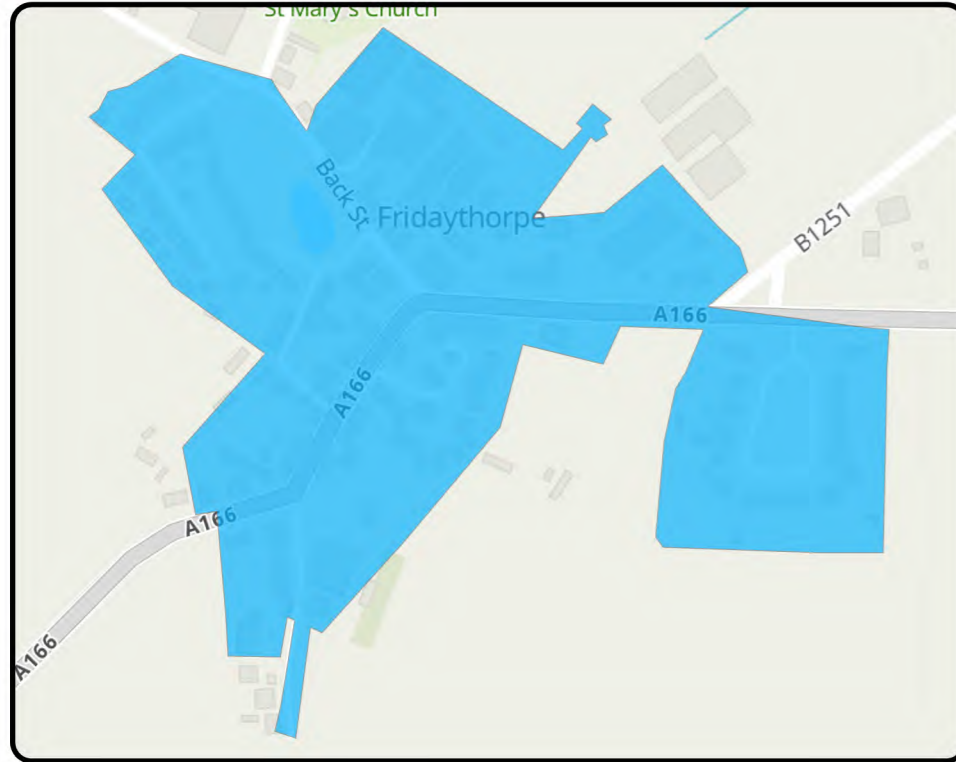
| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | Yes             | <b>NO</b>        |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |



# Fridaythorpe Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 314   |
| 2050 Population Equivalent                  | 355   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 0     |
| Foul and Combined Sewer Length              | 1.5km |
| Surface Water Sewer Length                  | 0.1km |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | Yes             | Yes             | <b>NO</b>        |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk



# Ganton Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 171   |
| 2050 Population Equivalent                  | 196   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 0     |
| Foul and Combined Sewer Length              | 1.1km |
| Surface Water Sewer Length                  | 0km   |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | Yes             | <b>NO</b>        |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Garton On The Wolds Holderness Coast (Gypsey

**Outcome: 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



| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 280   |
| 2050 Population Equivalent                  | 317   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 0     |
| Foul and Combined Sewer Length              | 1.8km |
| Surface Water Sewer Length                  | 0.7km |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | Yes             | <b>NO</b>        |

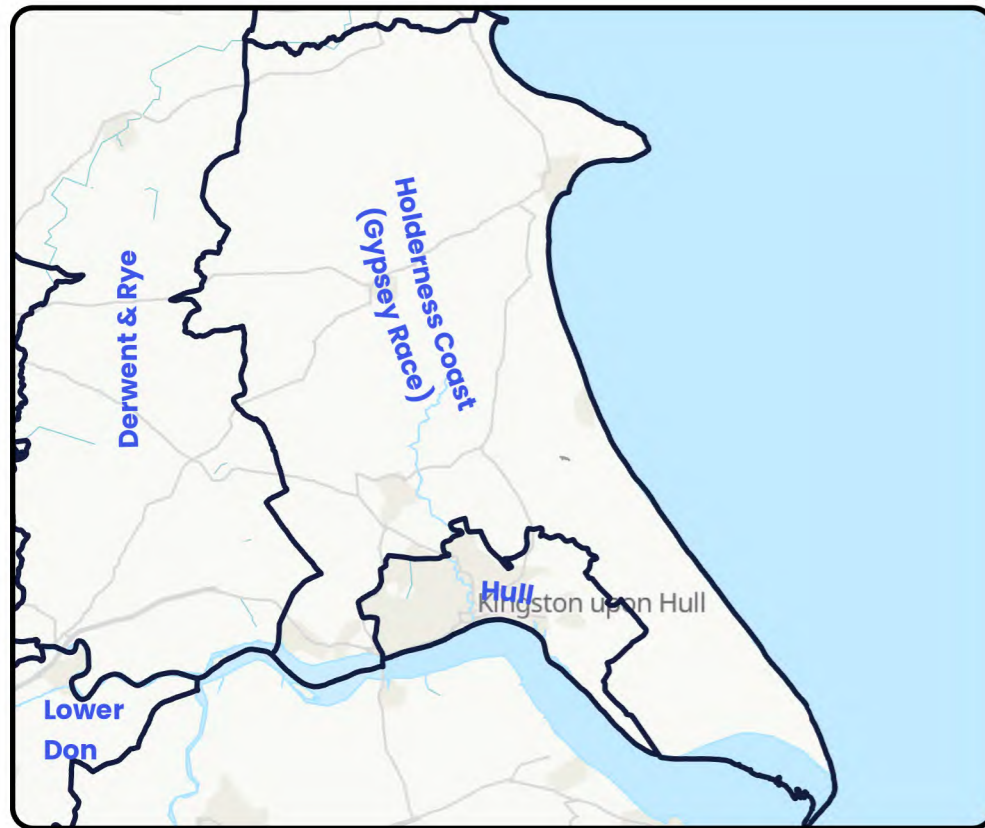
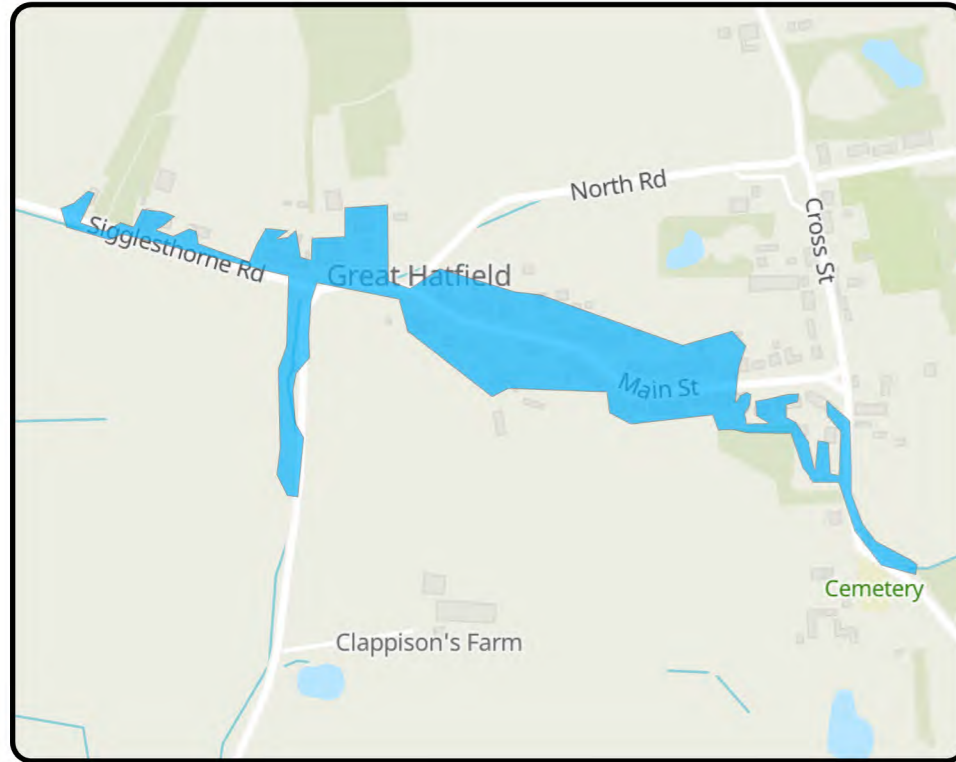
| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Great Hatfield Holderness Coast (Gypsey

**Outcome: 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



| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 121   |
| 2050 Population Equivalent                  | 134   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 0     |
| Foul and Combined Sewer Length              | 1.2km |
| Surface Water Sewer Length                  | 0.1km |
| Site of Special Scientific Interest Present | No    |
| Special Area of Conservation Present        | No    |
| Priority River Habitat                      | No    |
| Catchment Wider Resilience Risk Band        | Low   |

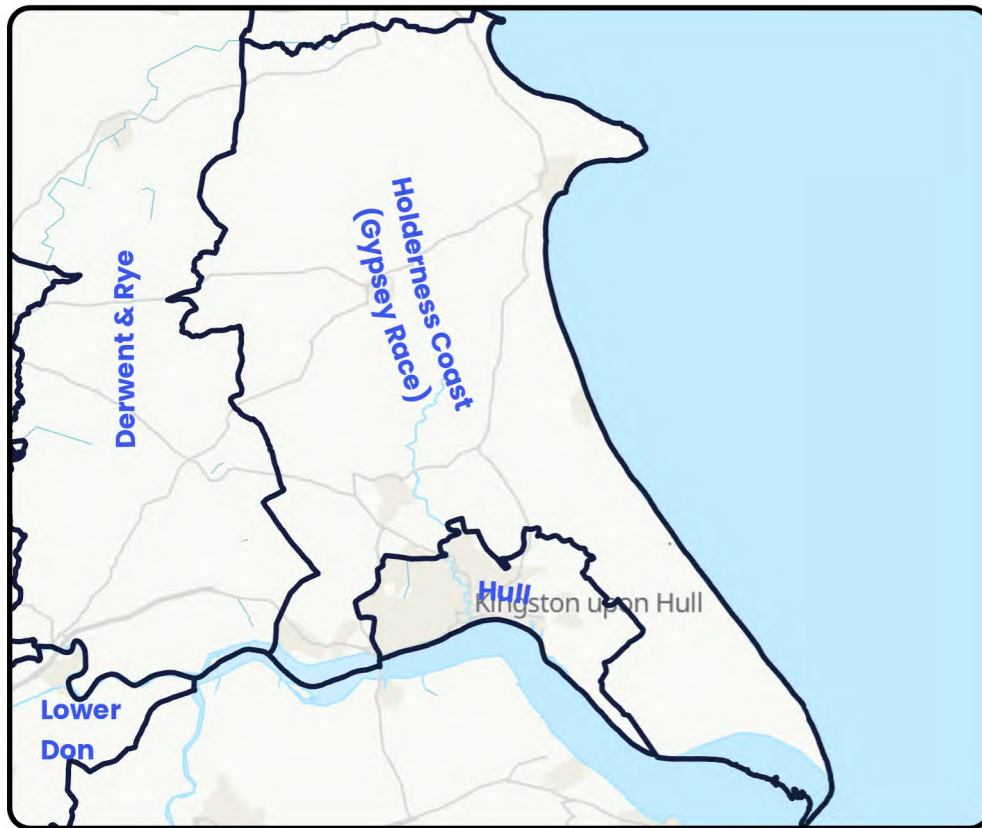
| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | Yes             | <b>NO</b>        |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Grimston Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 16    |
| 2050 Population Equivalent                  | 19    |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 0     |
| Foul and Combined Sewer Length              | 0.2km |
| Surface Water Sewer Length                  | 0km   |
| Site of Special Scientific Interest Present | No    |
| Special Area of Conservation Present        | No    |
| Priority River Habitat                      | No    |
| Catchment Wider Resilience Risk Band        | Low   |

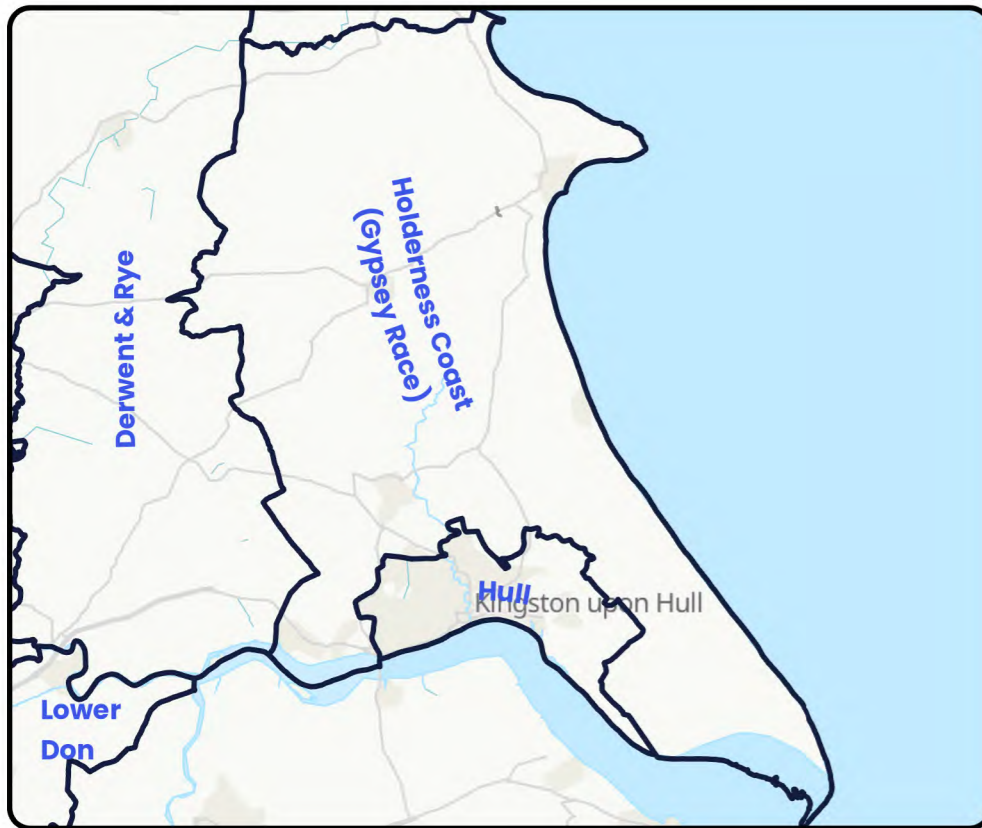
| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |           |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|-----------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | No              | No               | <b>NO</b> |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |     |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|-----|
| 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 | 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 |     |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        | N/A |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Haisthorpe Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 88    |
| 2050 Population Equivalent                  | 100   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 1     |
| Foul and Combined Sewer Length              | 1.2km |
| Surface Water Sewer Length                  | 0km   |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | Yes             | Yes             | <b>NO</b>        |

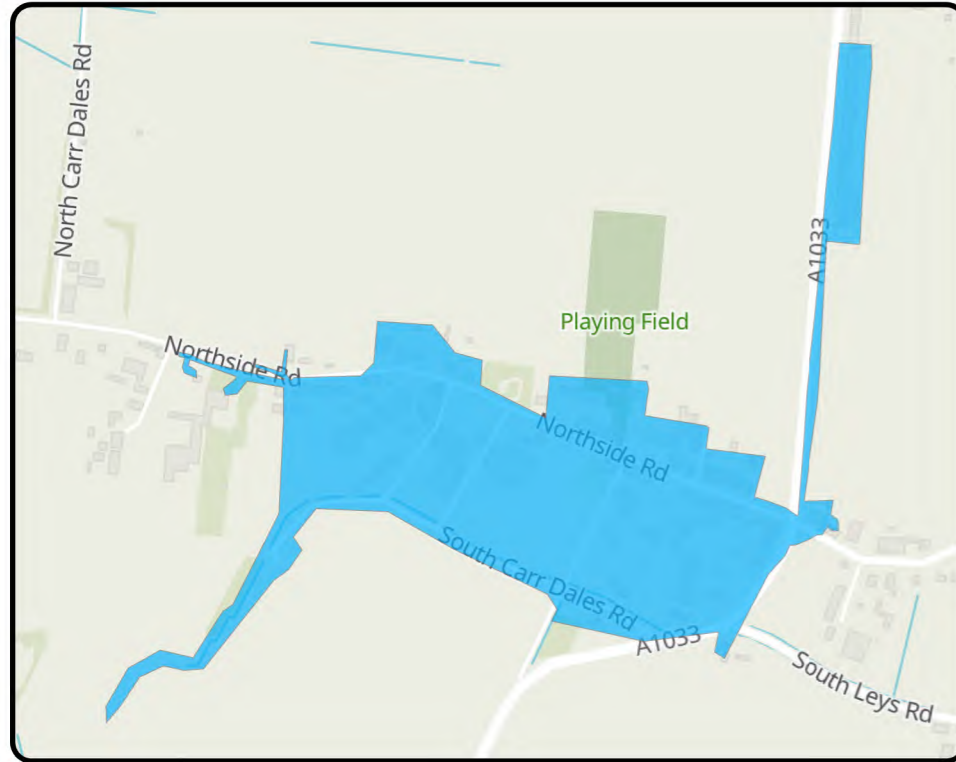
| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Hollym Holderness Coast (Gypsey

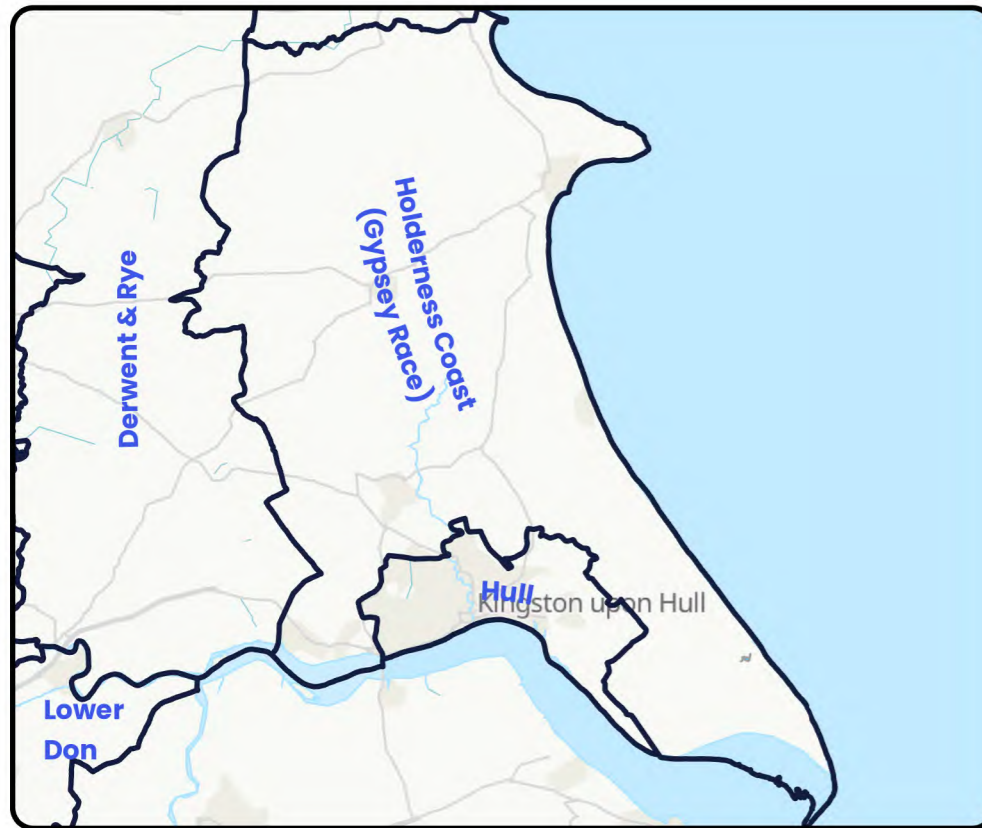
**Outcome: Observe**

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



| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 97    |
| 2050 Population Equivalent                  | 113   |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 1     |
| Foul and Combined Sewer Length              | 2.3km |
| Surface Water Sewer Length                  | 0.9km |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

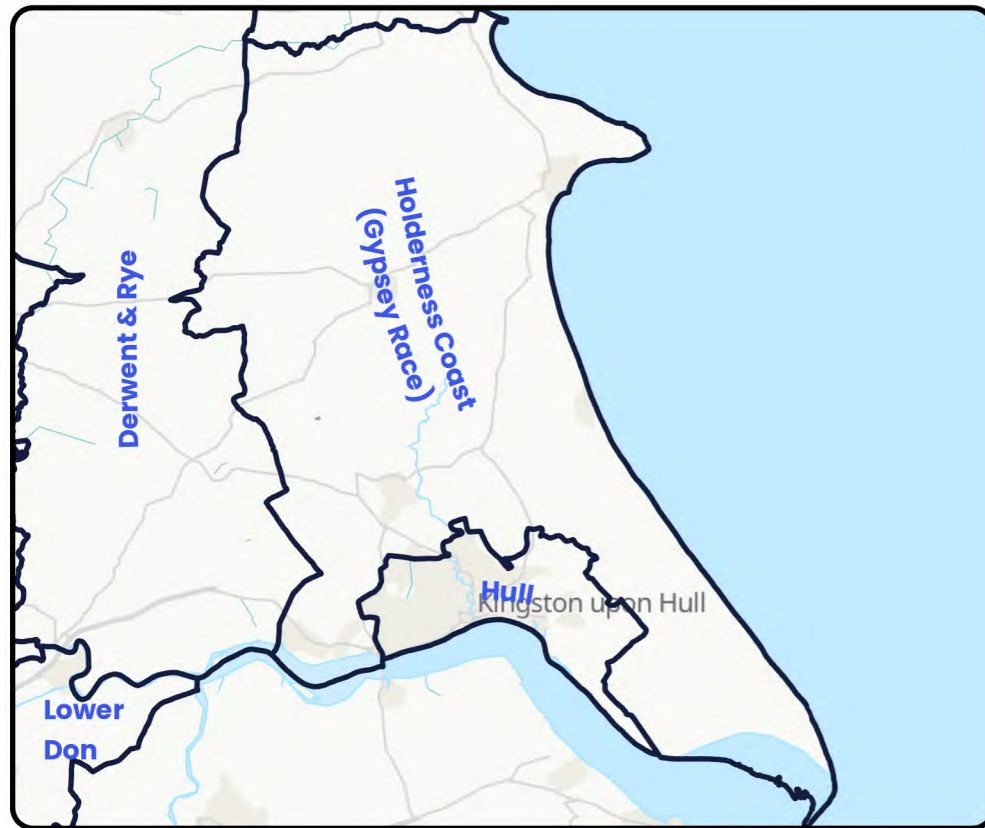


| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | Yes             | <b>NO</b>        |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Holme on the Wolds Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 48    |
| 2050 Population Equivalent                  | 57    |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 0     |
| Foul and Combined Sewer Length              | 0.2km |
| Surface Water Sewer Length                  | 0km   |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

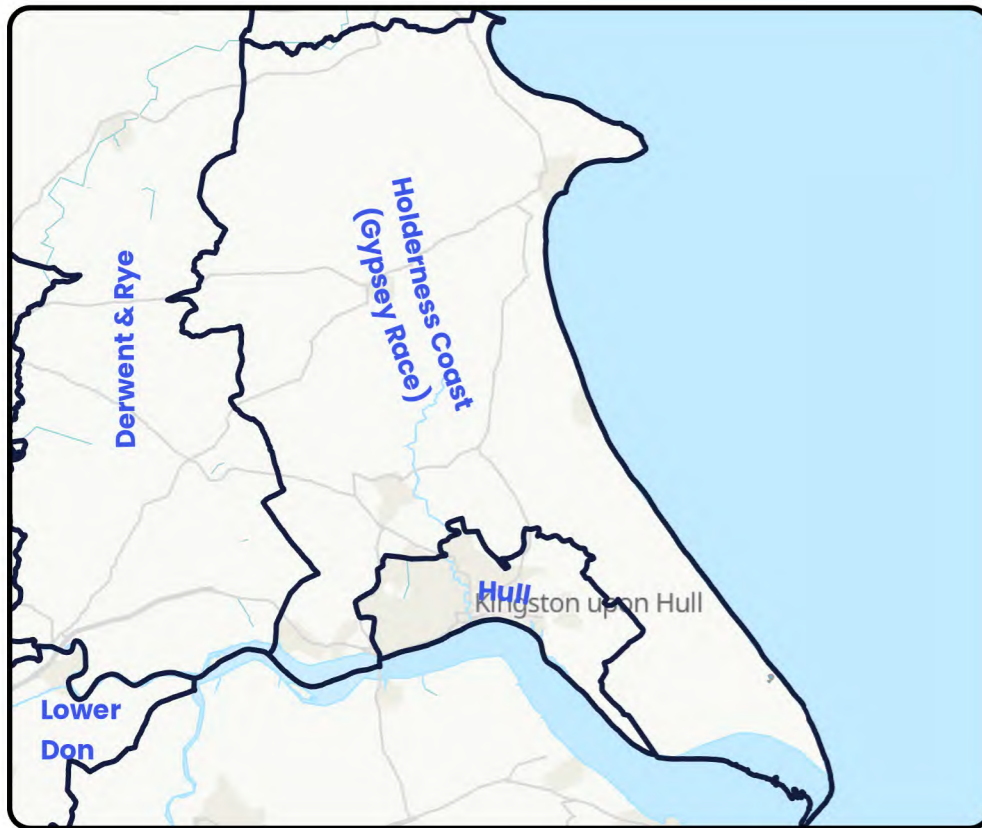
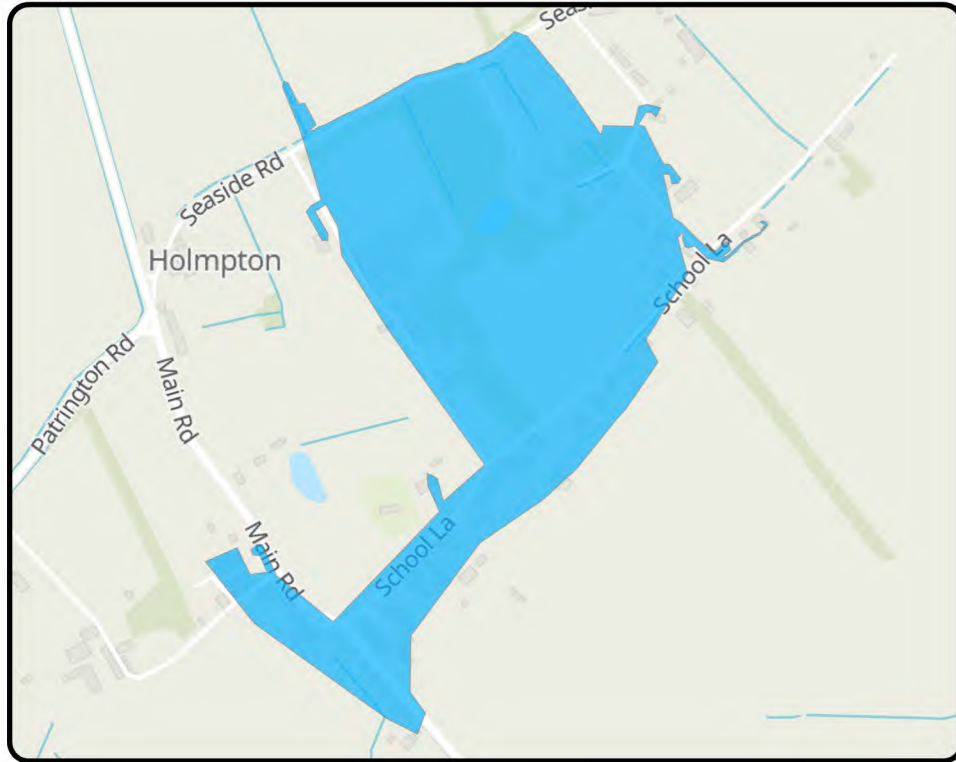
| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | No              | NO               |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk



# Holmpton Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 72    |
| 2050 Population Equivalent                  | 80    |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 0     |
| Foul and Combined Sewer Length              | 1.6km |
| Surface Water Sewer Length                  | 0km   |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

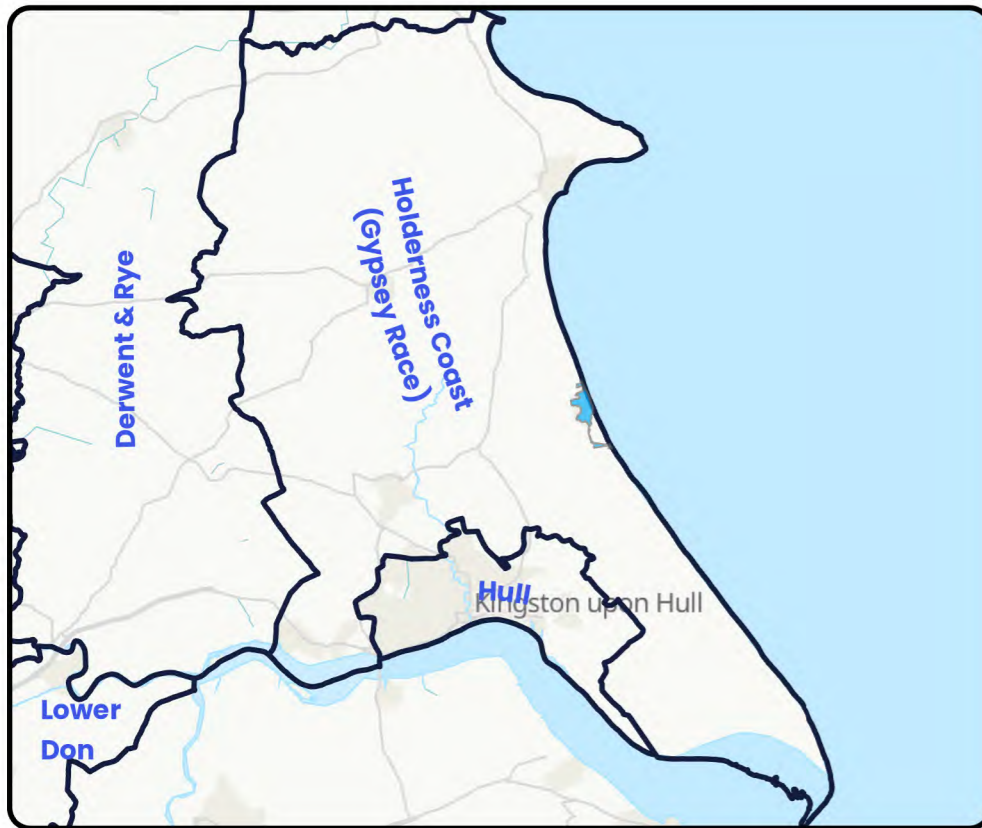
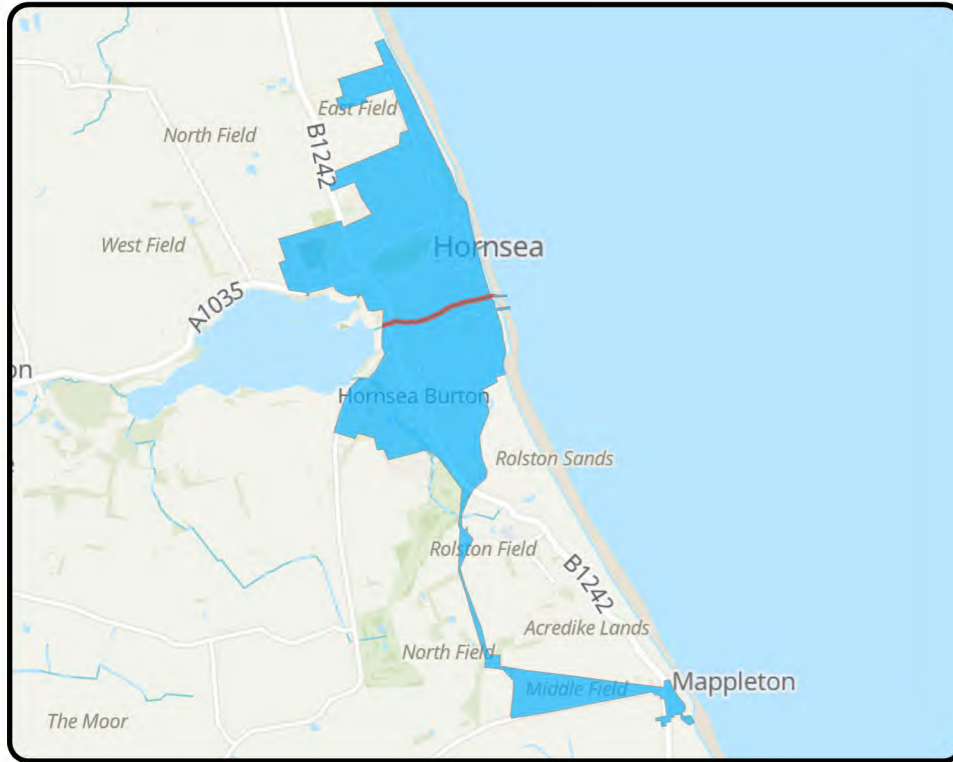
| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | No              | <b>NO</b>        |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk



# Hornsea Holderness Coast (Gypsey



**Outcome:**

**Promote**

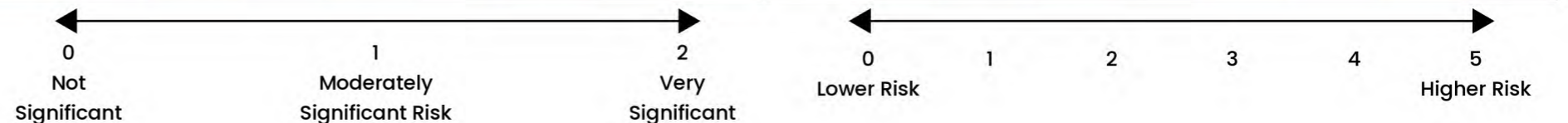
Develop strategic catchment based solution options to address predicted risks and look for potential opportunities for partnership working

| Key Catchment Statistics                    |        |
|---|--------|
| 2020 Population Equivalent                  | 9,745  |
| 2050 Population Equivalent                  | 11,293 |
| Modelled Consented Storm Overflows          | 2      |
| Wastewater Pumping Stations                 | 6      |
| Foul and Combined Sewer Length              | 45.6km |
| Surface Water Sewer Length                  | 12.7km |
| Site of Special Scientific Interest Present | Yes    |
| Special Area of Conservation Present        | No     |
| Priority River Habitat                      | No     |
| Catchment Wider Resilience Risk Band        | Medium |

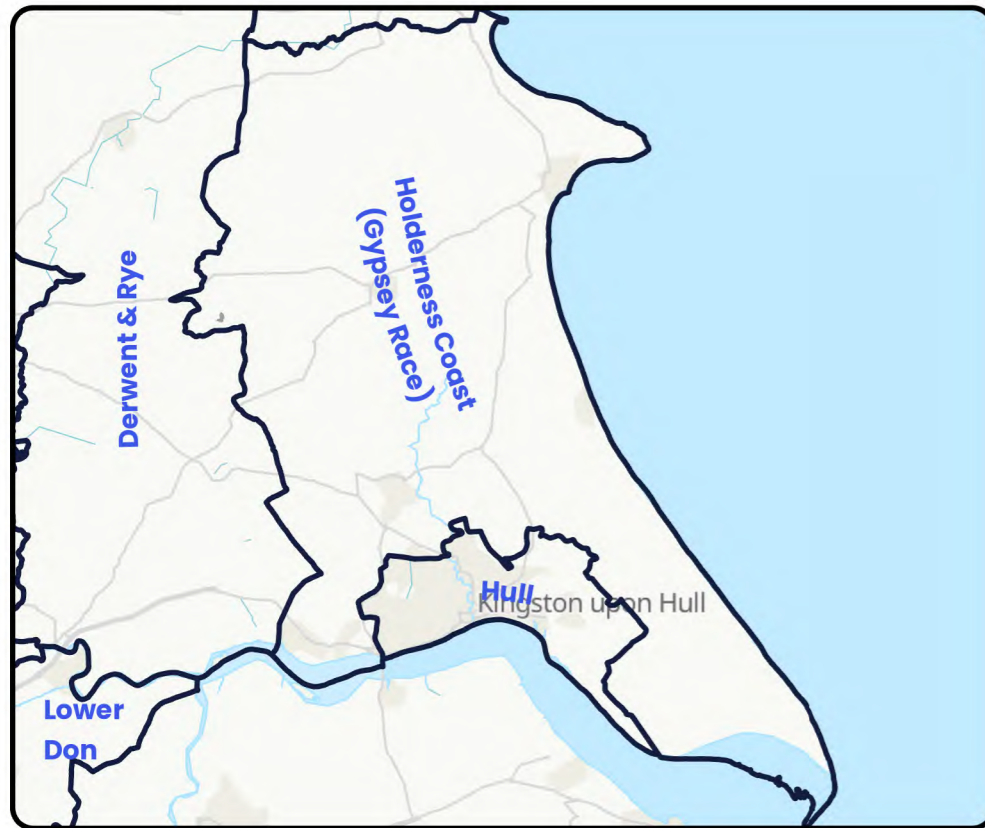
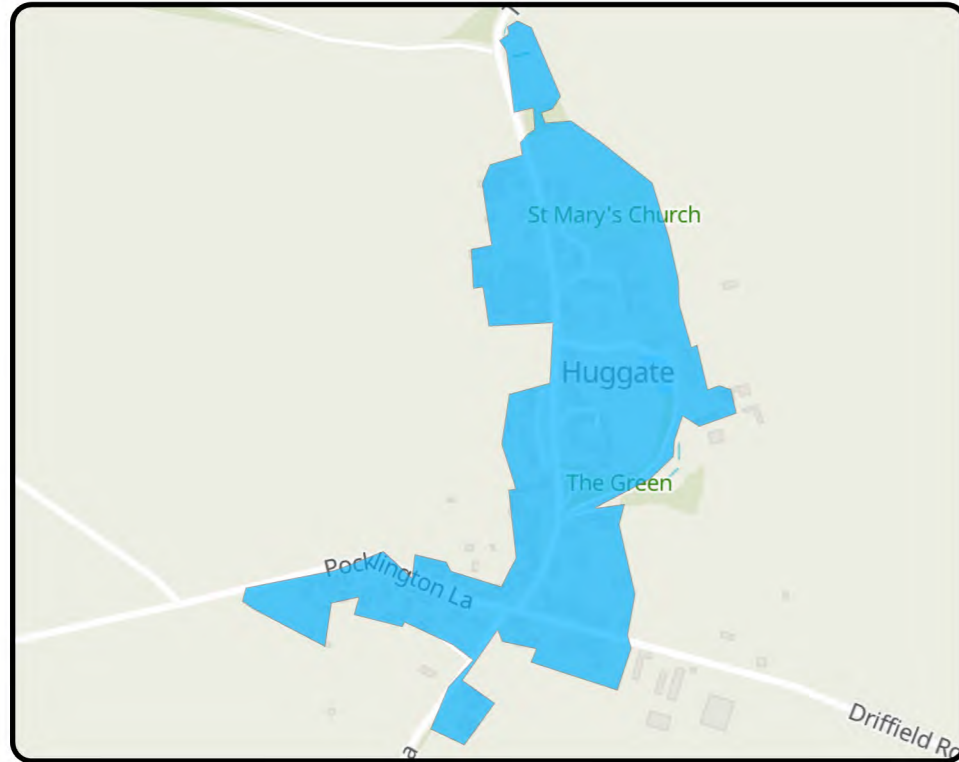
| Outcome Summary   |
|---|
| <b>Sewer Flooding Risk</b>  |
| By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for sewer flooding, we believe this catchment represents a moderate risk for 2050 |
| <b>Storm Overflow Risk</b>  |
| 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    |
| <b>WwTW Compliance Risk</b>   |
| 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 | Discharge to sensitive | 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  | Yes                     | Yes                     | Yes                 | No                | No                  | No              | No                | Yes                             | No    | Yes             | Yes             | <b>YES</b>       |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 0   | 0                         | 0                              | 1   | 1   | 2                                     | 2                                     | 0                                    | 0                                    | 2                              | 3                              | 3.5                            | 4                                | 4                                | 4                                | 1                          | 1                          | 1                          |



# Huggate Holderness Coast (Gypsey



**Outcome: 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

| Key Catchment Statistics                    |     |
|---|-----|
| 2020 Population Equivalent                  | 240 |
| 2050 Population Equivalent                  | 260 |
| Modelled Consented Storm Overflows          | -   |
| Wastewater Pumping Stations                 | 0   |
| Foul and Combined Sewer Length              | 1km |
| Surface Water Sewer Length                  | 0km |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective                                 |
| <b>Storm Overflow Risk</b>  |
| As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective                                  |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | No                  | No                | No                  | No              | No                | No                              | No    | No              | Yes             | <b>NO</b>        |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| N/A   | N/A                       | N/A                            | N/A   | N/A   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | N/A                            | N/A                            | N/A                            | N/A                              | N/A                              | N/A                              | N/A                        | N/A                        | N/A                        |

0 Not Significant      1 Moderately Significant Risk      2 Very Significant      0 Lower Risk      1      2      3      4      5 Higher Risk

# Humbleton Holderness Coast (Gypsey



**Outcome: Monitor**

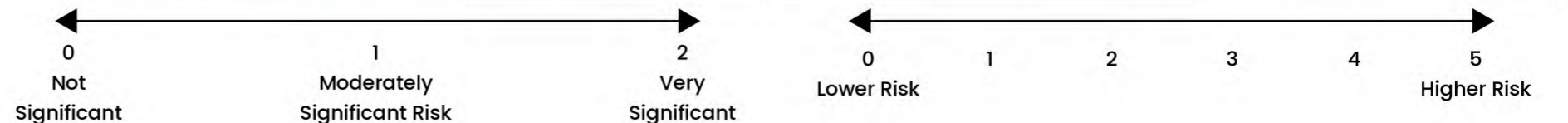
Continue to monitor all potential risks in the catchment and promote once a suitable threshold is breached

| Key Catchment Statistics                    |       |
|---|-------|
| 2020 Population Equivalent                  | 71    |
| 2050 Population Equivalent                  | 80    |
| Modelled Consented Storm Overflows          | -     |
| Wastewater Pumping Stations                 | 2     |
| Foul and Combined Sewer Length              | 0.3km |
| Surface Water Sewer Length                  | 0km   |
| 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   |
|---|
| <b>Sewer Flooding Risk</b>  |
| 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 low risk for 2050  |
| <b>Storm Overflow Risk</b>  |
| 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 low risk for 2050 |
| <b>WwTW Compliance Risk</b>   |
| As this catchment did not progress through to the BRAVA stage or is a descriptive works, we have not determined a risk position for our WwTW Compliance risk planning objective                                     |

| Risk Based Catchment Screening |                             |                        |                        |      |     |                         |                         |                     |                   |                     |                 |                   |                                 |       |                 |                 |                  |
|--------------------------------|-----------------------------|------------------------|------------------------|------|-----|-------------------------|-------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|---------------------------------|-------|-----------------|-----------------|------------------|
| Catchment Characterisation     | Bathing or Shellfish Waters | Discharge to sensitive | Discharge to sensitive | 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                      | No                      | Yes                 | No                | No                  | No              | No                | No                              | No    | No              | No              | YES              |

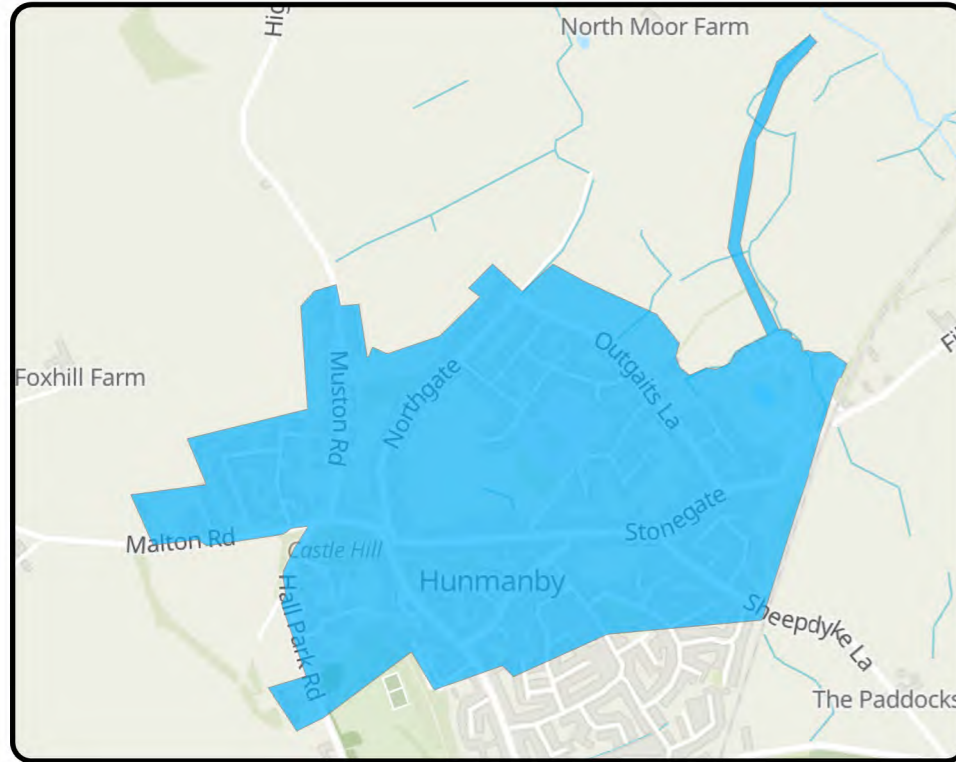
| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 0   | 0                         | 0                              | 2   | 2   | N/A                                   | N/A                                   | N/A                                  | N/A                                  | 0                              | 1                              | 1                              | 0                                | 0                                | 0                                | N/A                        | N/A                        | N/A                        |



# Hunmanby Holderness Coast (Gypsey

**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                  | 2,661  |
| 2050 Population Equivalent                  | 3,014  |
| Modelled Consented Storm Overflows          | 3      |
| Wastewater Pumping Stations                 | 0      |
| Foul and Combined Sewer Length              | 13.1km |
| Surface Water Sewer Length                  | 6.3km  |
| 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  |
|--|
| <b>Sewer Flooding Risk</b>   |
| 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 low risk for 2050       |
| <b>Storm Overflow Risk</b>   |
| 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   |
| <b>WwTW Compliance Risk</b>  |
| 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 | Discharge to sensitive | 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  | Yes                     | Yes                     | No                  | No                | No                  | No              | No                | Yes                             | No    | No              | Yes             | <b>YES</b>       |

| National Baseline Risk and Vulnerability Assessment |                           |                                |   |   |                                       |                                       |                                      |                                      | Bespoke Planning Objectives    |                                |                                |                                  |                                  |                                  |                            |                            |                            |
|---|---------------------------|--------------------------------|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 |
| 2   | 0                         | 0                              | 1   | 1   | 2                                     | 2                                     | 0                                    | 0                                    | 1.5                            | 2                              | 2                              | 4                                | 4                                | 4                                | 1                          | 1                          | 1                          |

