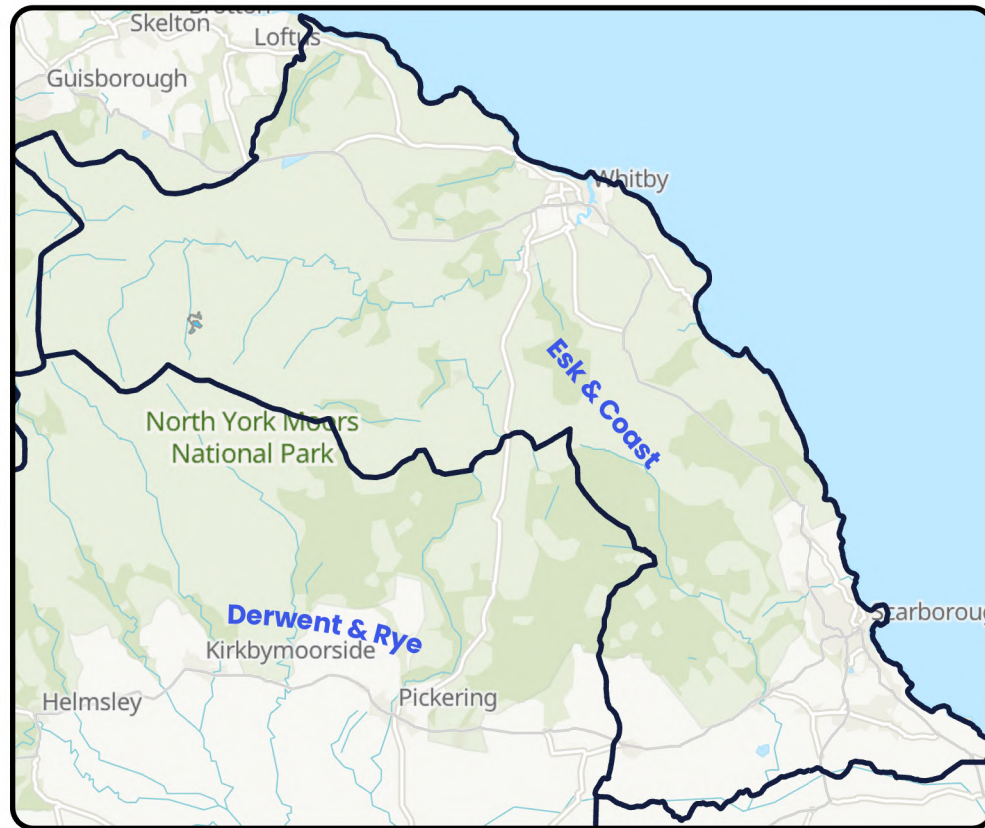


Botton Esk & Coast

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	330
2050 Population Equivalent	330
Modelled Consented Storm Overflows	-
Wastewater Pumping Stations	0
Foul and Combined Sewer Length	0km
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
Sewer Flooding Risk
As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective
Storm Overflow Risk
As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective
WwTW Compliance Risk
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

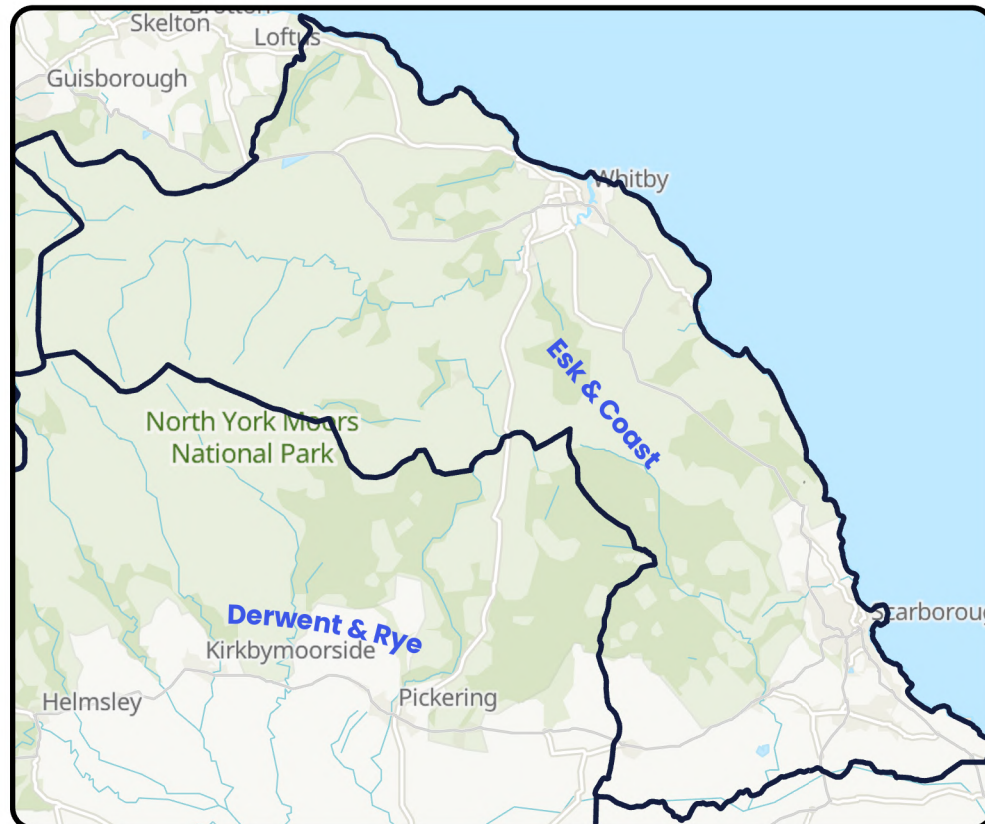
0 Not Significant 1 Moderately Significant Risk 2 Very Significant 0 Lower Risk 1 2 3 4 5 Higher Risk



Bryherstones Inn Esk & Coast

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	4
2050 Population Equivalent	4
Modelled Consented Storm Overflows	-
Wastewater Pumping Stations	0
Foul and Combined Sewer Length	0km
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
Sewer Flooding Risk
As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective
Storm Overflow Risk
As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective
WwTW Compliance Risk
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

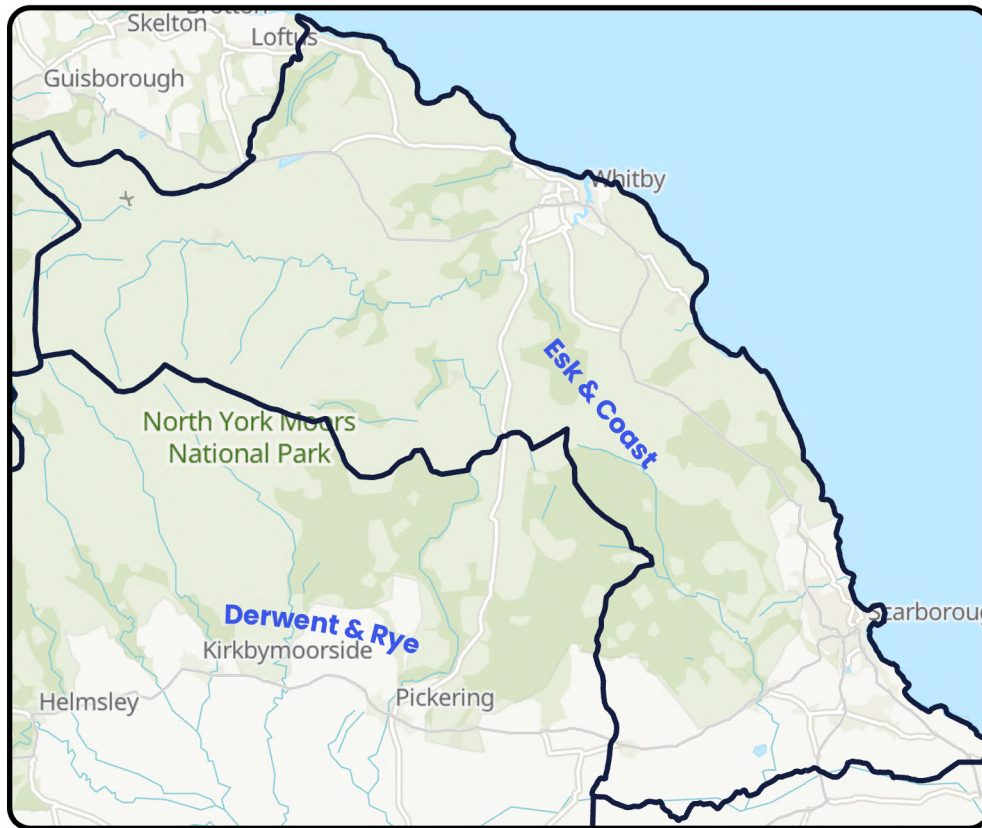
Risk Based Catchment Screening																		
Catchment Characterisation	Bathing or Shellfish Waters	Discharge to sensitive	Discharge to sensitive	SOAF	CAF	Internal Sewer Flooding	External Sewer Flooding	Pollution Incidents	WwTW Q Compliance	WwTW DWF Compliance	Storm Overflows	Other RMA Systems	Planned 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	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



Commondale Esk & Coast



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	95
2050 Population Equivalent	88
Modelled Consented Storm Overflows	1
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
Sewer Flooding Risk
As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective
Storm Overflow Risk
As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective
WwTW Compliance Risk
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	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	N/A

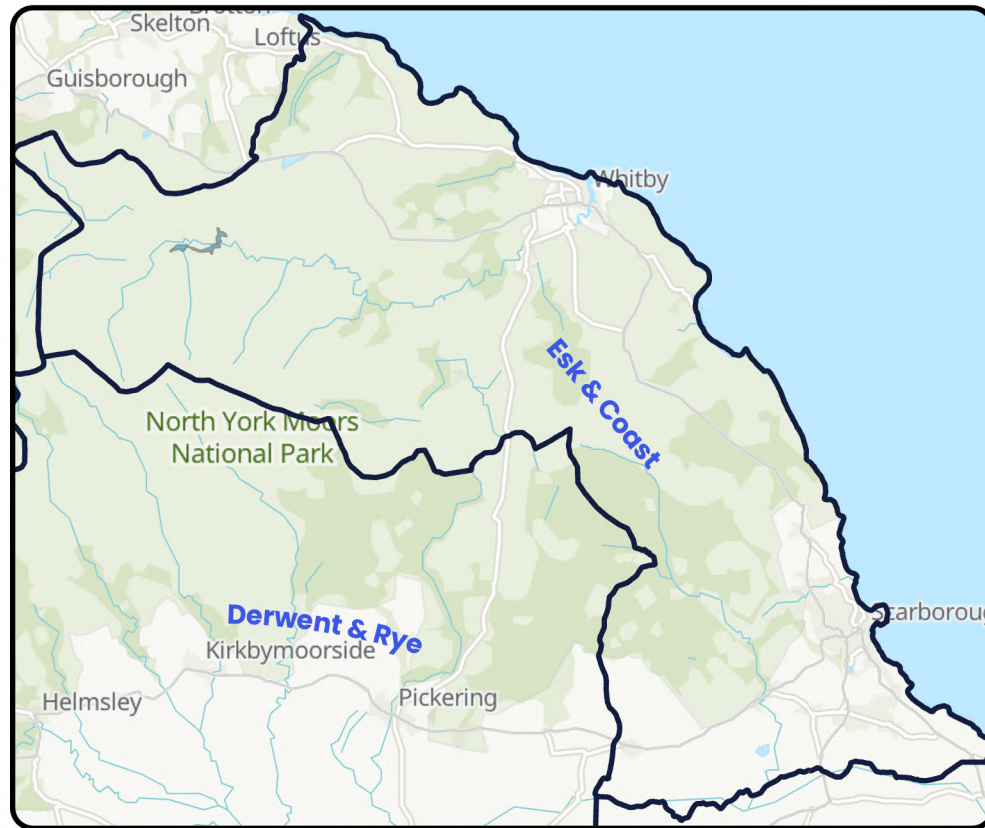
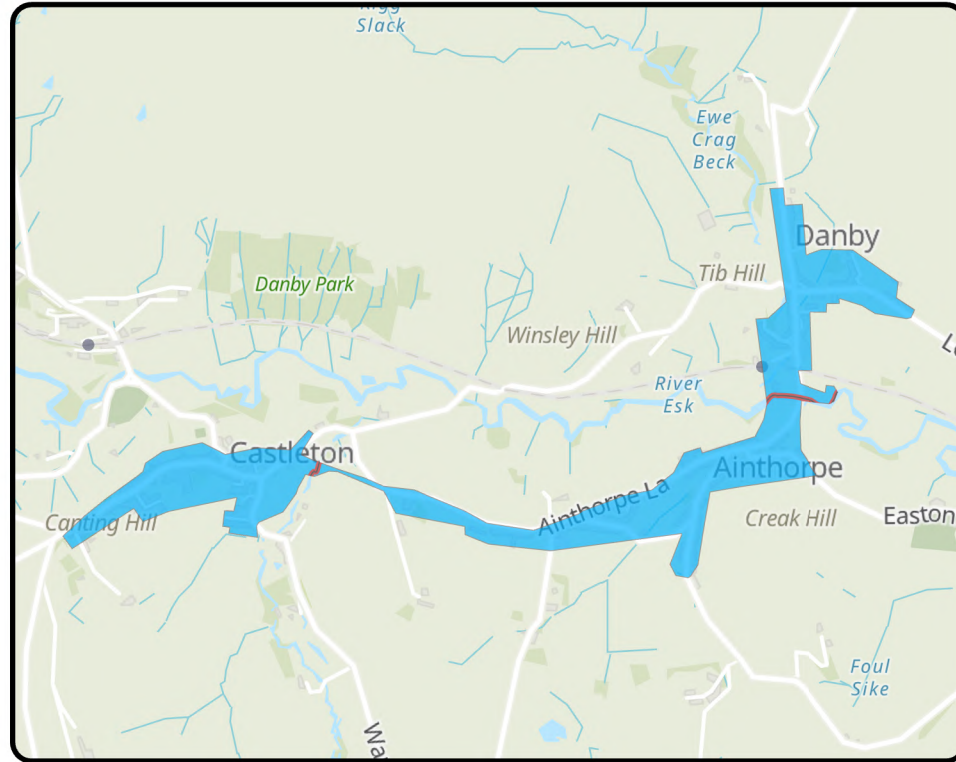
0 Not Significant 1 Moderately Significant Risk 2 Very Significant 0 Lower Risk 1 2 3 4 5 Higher Risk



Danby Esk & Coast

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	945
2050 Population Equivalent	904
Modelled Consented Storm Overflows	3
Wastewater Pumping Stations	1
Foul and Combined Sewer Length	6.1km
Surface Water Sewer Length	0.2km
Site of Special Scientific Interest Present	Yes
Special Area of Conservation Present	Yes
Priority River Habitat	No
Catchment Wider Resilience Risk Band	Low

Outcome Summary

Sewer Flooding Risk

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

WwTW Compliance Risk

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

Risk Based Catchment Screening

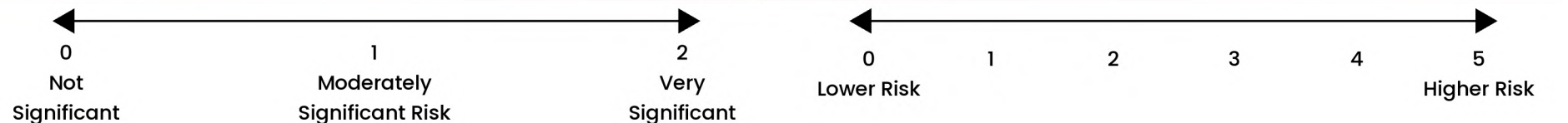
Catchment Characterisation	Bathing or Shellfish Waters	Discharge to sensitive	Discharge to sensitive	SOAF	CAF	Internal Sewer Flooding	External Sewer Flooding	Pollution Incidents	WwTW Q Compliance	WwTW DWF Compliance	Storm Overflows	Other RMA Systems	Planned Residential Development	WINEP	Sewer Collapses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

National Baseline Risk and Vulnerability Assessment

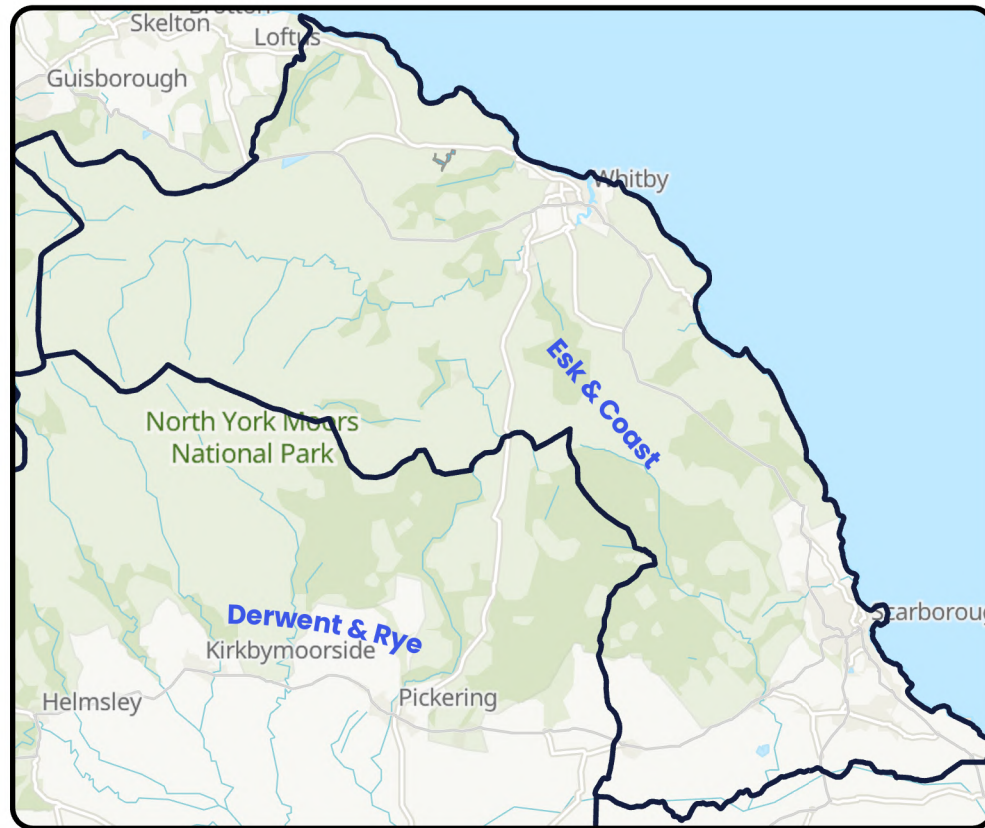
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 2020 Score	Storm Overflow Performance 2050 Score	Risk of WwTW Compliance Failure 2020	Risk of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



East Barnby Esk & Coast



Outcome: Monitor

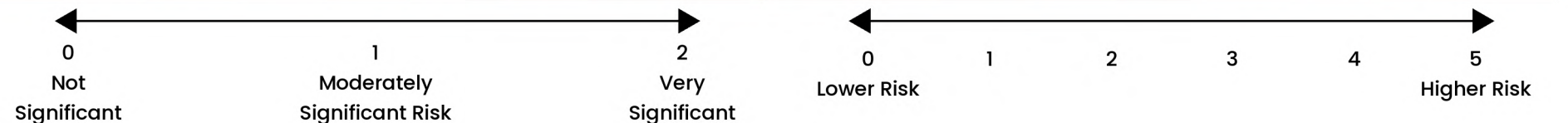
Continue to monitor all potential risks in the catchment and promote once a suitable threshold is breached

Key Catchment Statistics	
2020 Population Equivalent	96
2050 Population Equivalent	89
Modelled Consented Storm Overflows	-
Wastewater Pumping Stations	0
Foul and Combined Sewer Length	0.8km
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
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 low 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 low risk for 2050
WwTW Compliance Risk
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	Yes	No	No	No	No	No	No	No	No	No	No	No	YES

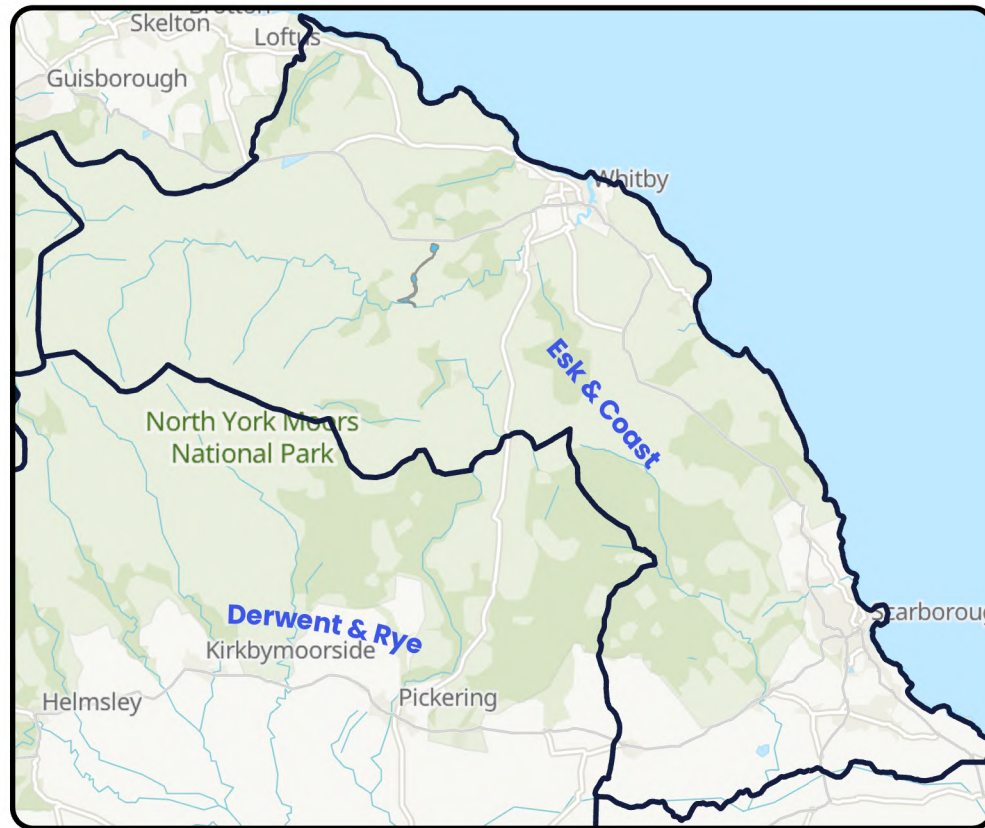
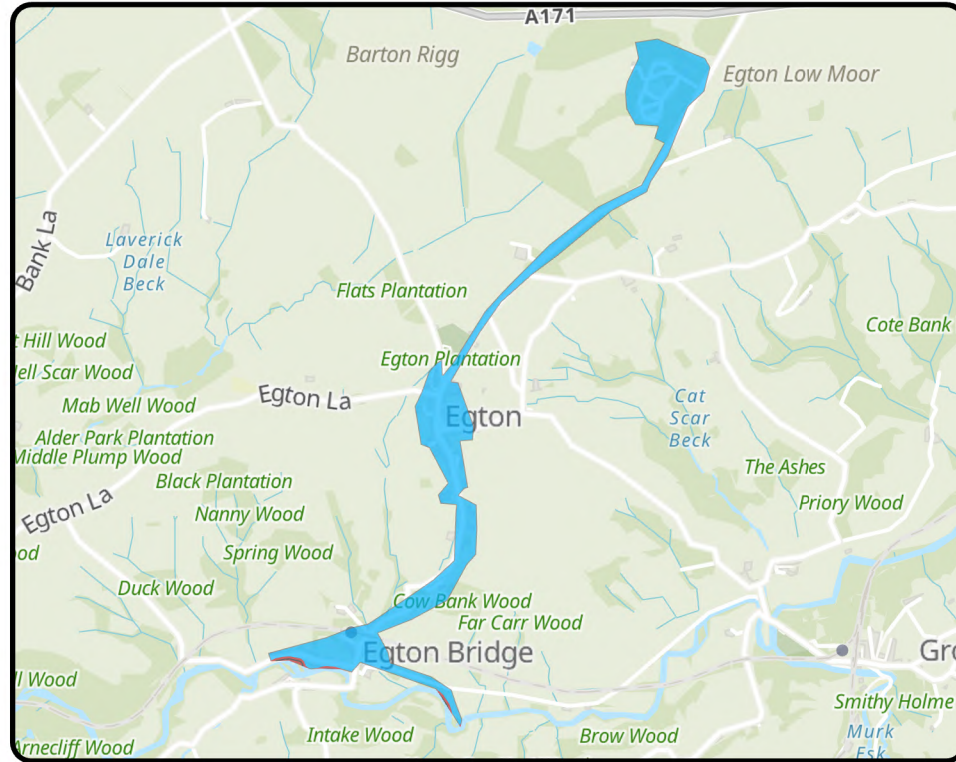
National Baseline Risk and Vulnerability Assessment									Bespoke Planning Objectives								
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 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	0	0	N/A	N/A	N/A	N/A	0	0.5	0.5	0	0	0	N/A	N/A	N/A



Egton Bridge Esk & Coast

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	324
2050 Population Equivalent	317
Modelled Consented Storm Overflows	1
Wastewater Pumping Stations	1
Foul and Combined Sewer Length	3.3km
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

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 low risk for 2050

Storm Overflow Risk

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

WwTW Compliance Risk

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

Risk Based Catchment Screening

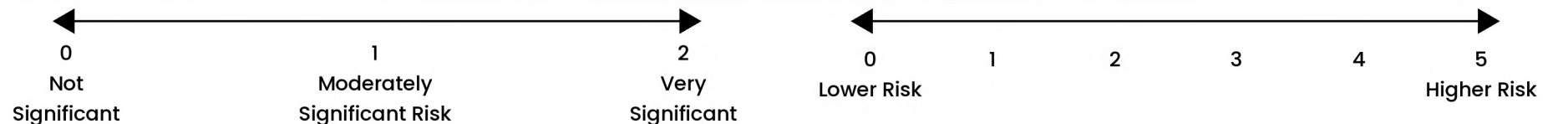
Catchment Characterisation	Bathing or Shellfish Waters	Discharge to sensitive	Discharge to sensitive	SOAF	CAF	Internal Sewer Flooding	External Sewer Flooding	Pollution Incidents	WwTW Q Compliance	WwTW DWF Compliance	Storm Overflows	Other RMA Systems	Planned Residential Development	WINEP	Sewer Collapses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

National Baseline Risk and Vulnerability Assessment

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

Bespoke Planning Objectives

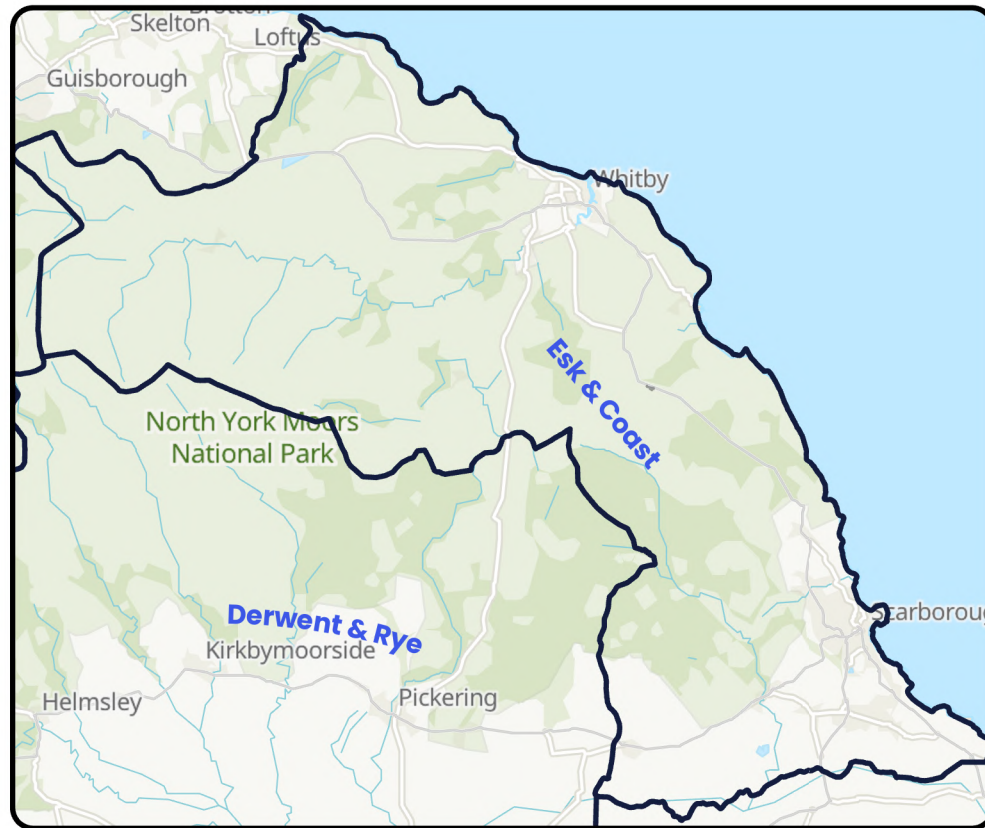
Annualised Flooding 2020 Score	Annualised Flooding 2030 Score	Annualised Flooding 2050 Score	Overflows Performance 2020 Score	Overflows Performance 2030 Score	Overflows Performance 2050 Score	WwTW Compliance 2020 Score	WwTW Compliance 2030 Score	WwTW Compliance 2050 Score
1	1	2	4	4	4	1	1	1



Flask Inn Esk & Coast

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	327
2050 Population Equivalent	326
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
Sewer Flooding Risk
As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective
Storm Overflow Risk
As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective
WwTW Compliance Risk
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	NO

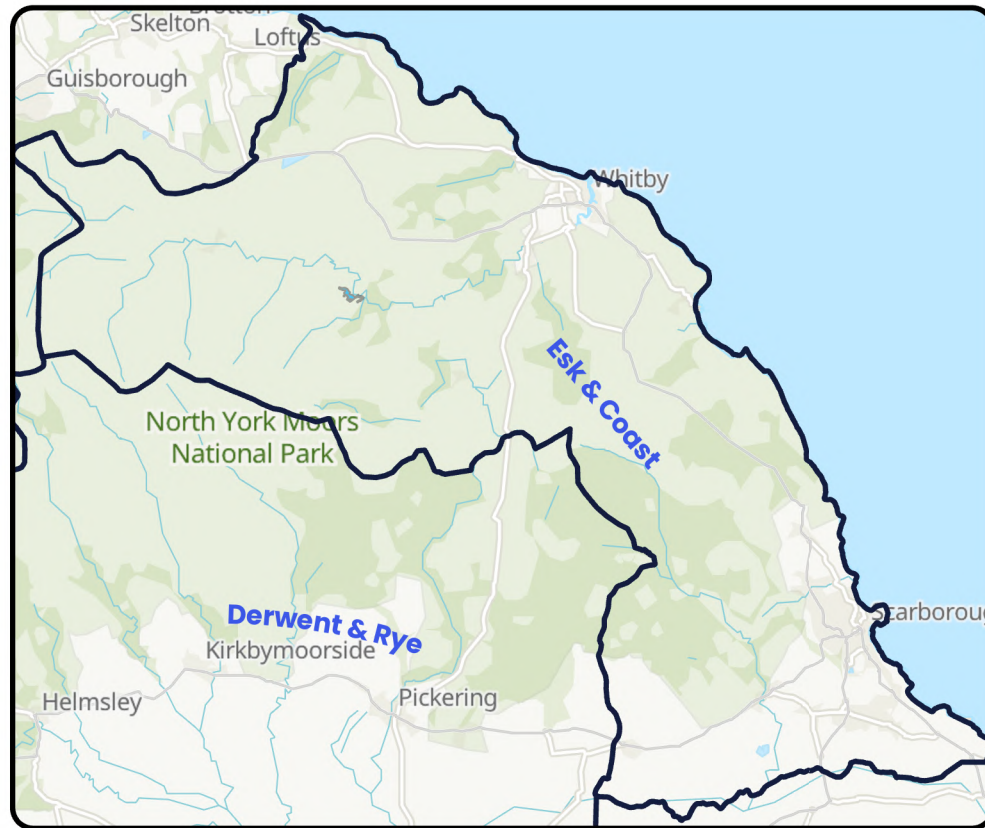
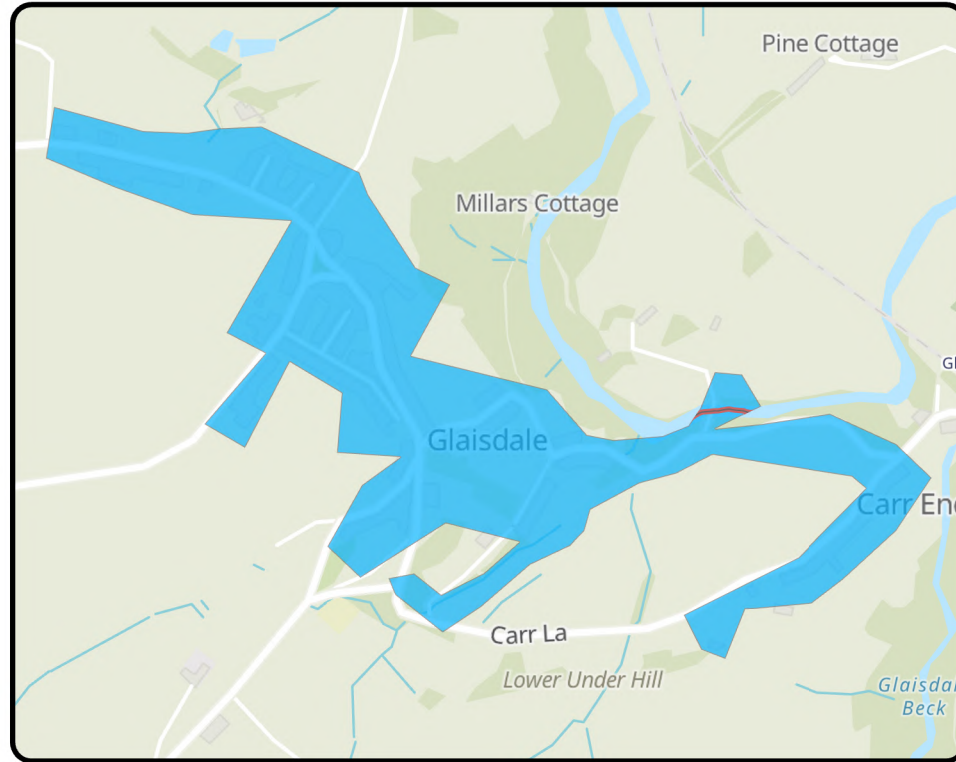
National Baseline Risk and Vulnerability Assessment									Bespoke Planning Objectives									
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 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	N/A

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

Glaisdale Esk & Coast

Outcome: Promote

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

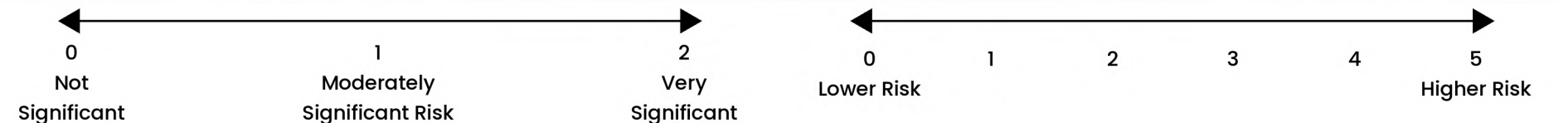


Key Catchment Statistics	
2020 Population Equivalent	471
2050 Population Equivalent	450
Modelled Consented Storm Overflows	2
Wastewater Pumping Stations	0
Foul and Combined Sewer Length	2.9km
Surface Water Sewer Length	0.6km
Site of Special Scientific Interest Present	No
Special Area of Conservation Present	No
Priority River Habitat	No
Catchment Wider Resilience Risk Band	Low

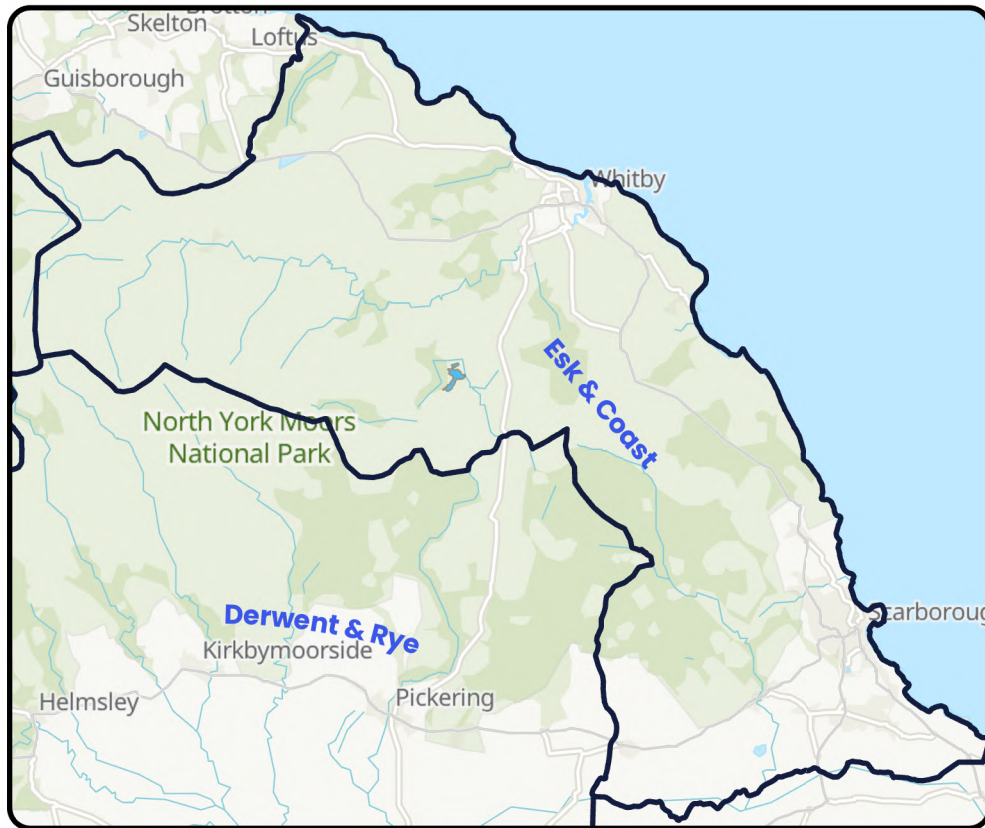
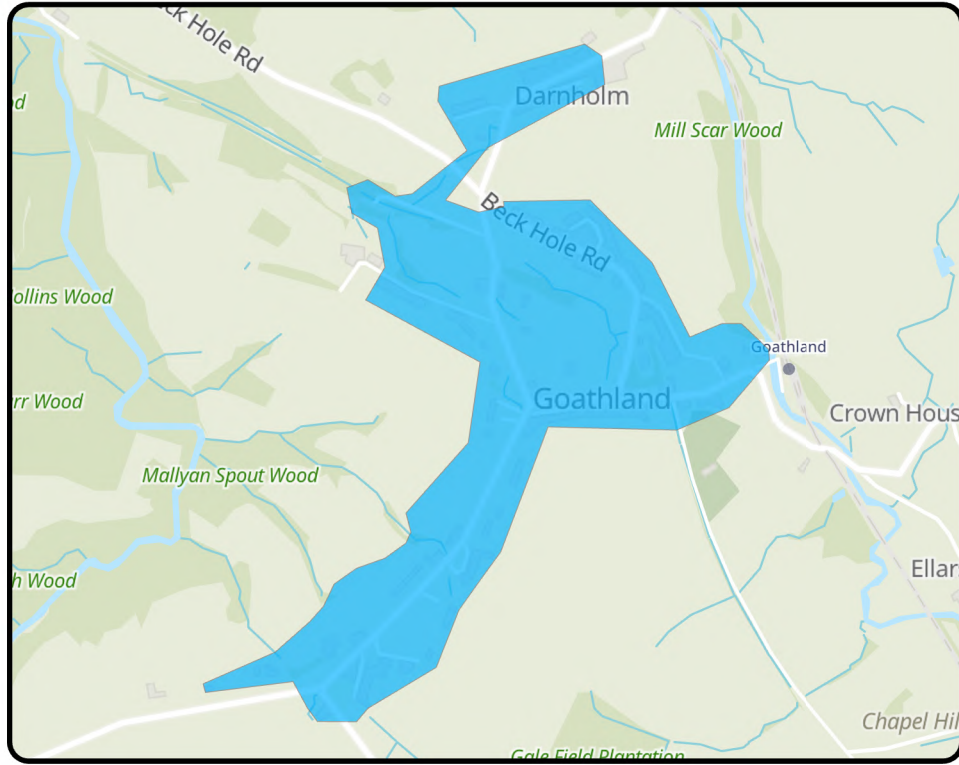
Outcome Summary
Sewer Flooding Risk
By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for sewer flooding, we believe this catchment represents a moderate risk for 2050
Storm Overflow Risk
By assessing our hydraulic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

Risk Based Catchment Screening																	
Catchment Characterisation	Bathing or Shellfish Waters	Discharge to sensitive	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	No	No	No	No	No	Yes	No	No	No	Yes	Yes	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	2	1	1	2	2	0	0	2	2.5	3	4	4	4	1	1	1



Goathland Esk & Coast



Outcome: Promote

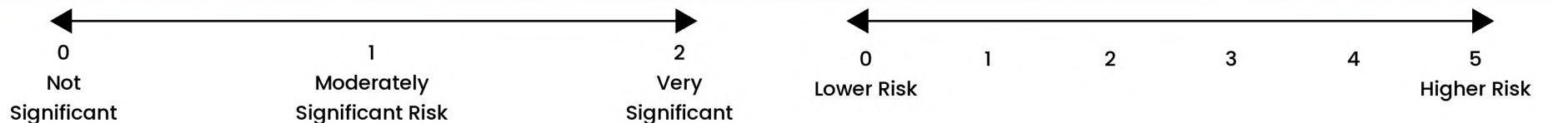
Develop strategic catchment based solution options to address predicted risks and look for potential opportunities for partnership working

Key Catchment Statistics	
2020 Population Equivalent	342
2050 Population Equivalent	336
Modelled Consented Storm Overflows	4
Wastewater Pumping Stations	1
Foul and Combined Sewer Length	4.2km
Surface Water Sewer Length	0.1km
Site of Special Scientific Interest Present	Yes
Special Area of Conservation Present	Yes
Priority River Habitat	No
Catchment Wider Resilience Risk Band	Low

Outcome Summary
Sewer Flooding Risk
By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for sewer flooding, we believe this catchment represents low risk for 2050
Storm Overflow Risk
By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for Storm Overflows, we believe this catchment represents a high risk for 2050
WwTW Compliance Risk
By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for WwTW Compliance risk, we believe this catchment represents 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	Yes	No	No	Yes	Yes	No	No	No	No	No	Yes	Yes	YES

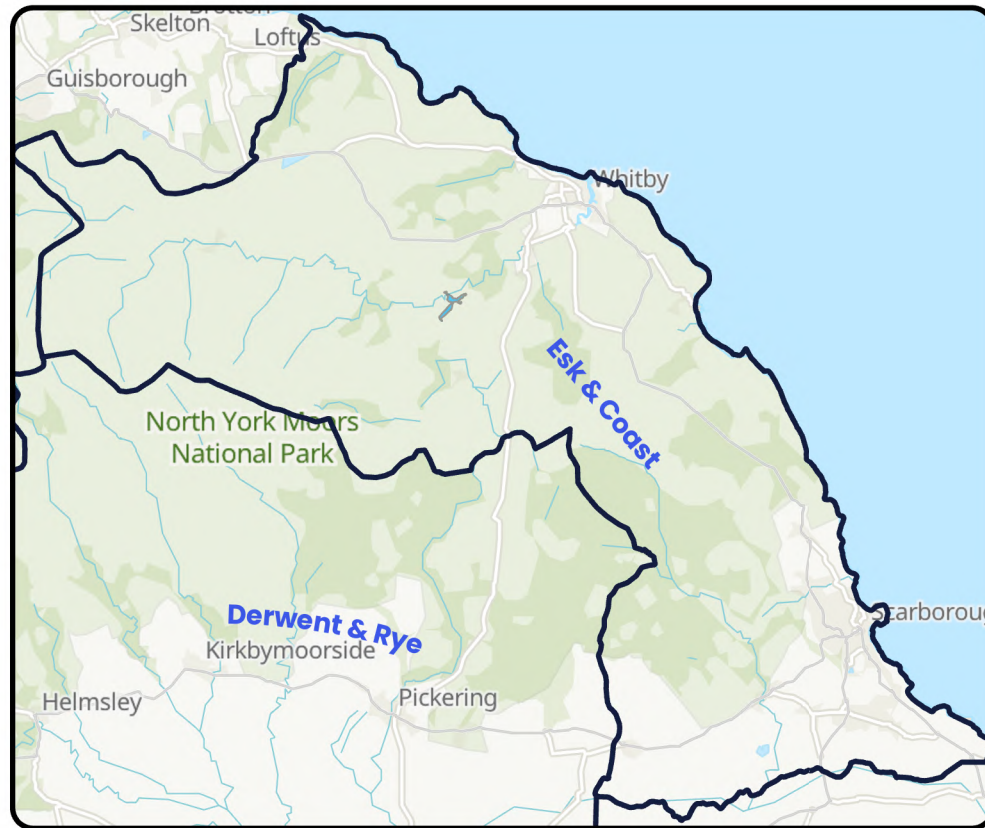
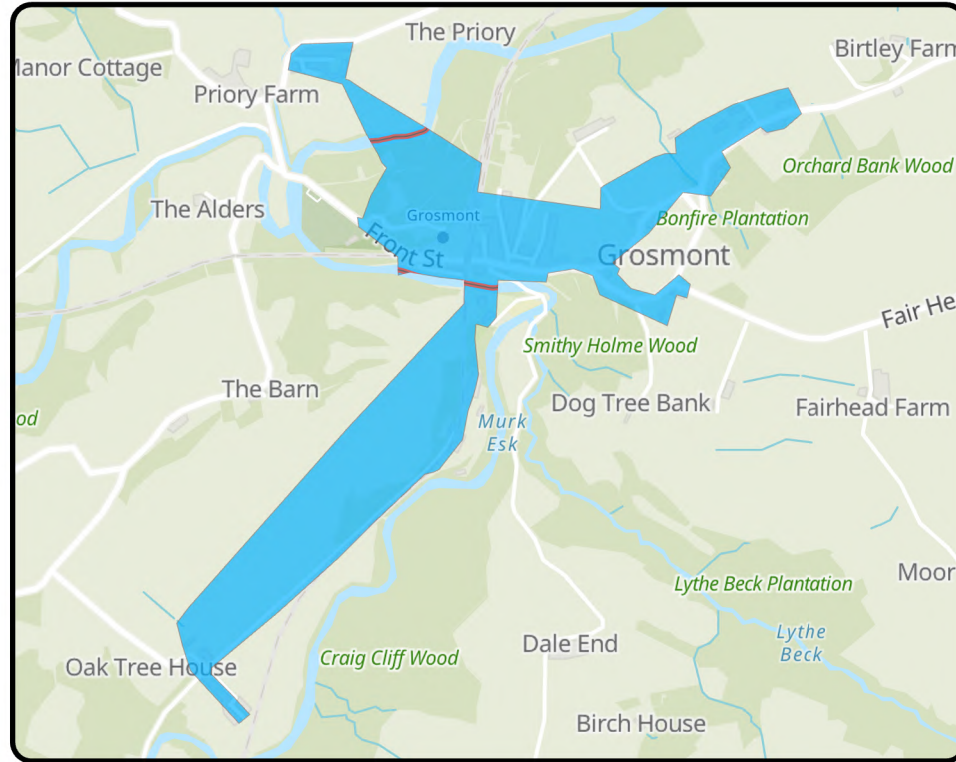
National Baseline Risk and Vulnerability Assessment									Bespoke Planning Objectives								
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 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	2	0	1	1	2	2	1	1	1	1	1	4	4	4	3	3	3



Grosmont Esk & Coast

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	347
2050 Population Equivalent	314
Modelled Consented Storm Overflows	1
Wastewater Pumping Stations	1
Foul and Combined Sewer Length	2.5km
Surface Water Sewer Length	0.3km
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

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 high risk for 2050

WwTW Compliance Risk

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

Risk Based Catchment Screening

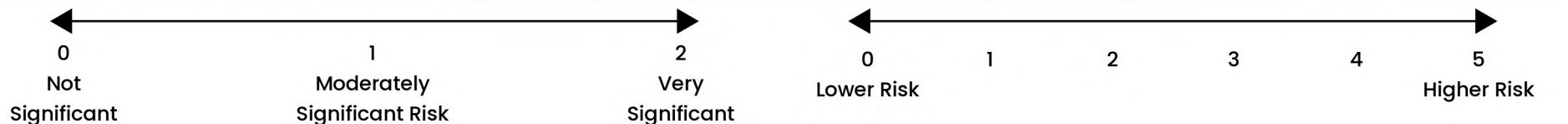
Catchment Characterisation	Bathing or Shellfish Waters	Discharge to sensitive	Discharge to sensitive	SOAF	CAF	Internal Sewer Flooding	External Sewer Flooding	Pollution Incidents	WwTW Q Compliance	WwTW DWF Compliance	Storm Overflows	Other RMA Systems	Planned Residential Development	WINEP	Sewer Collapses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

National Baseline Risk and Vulnerability Assessment

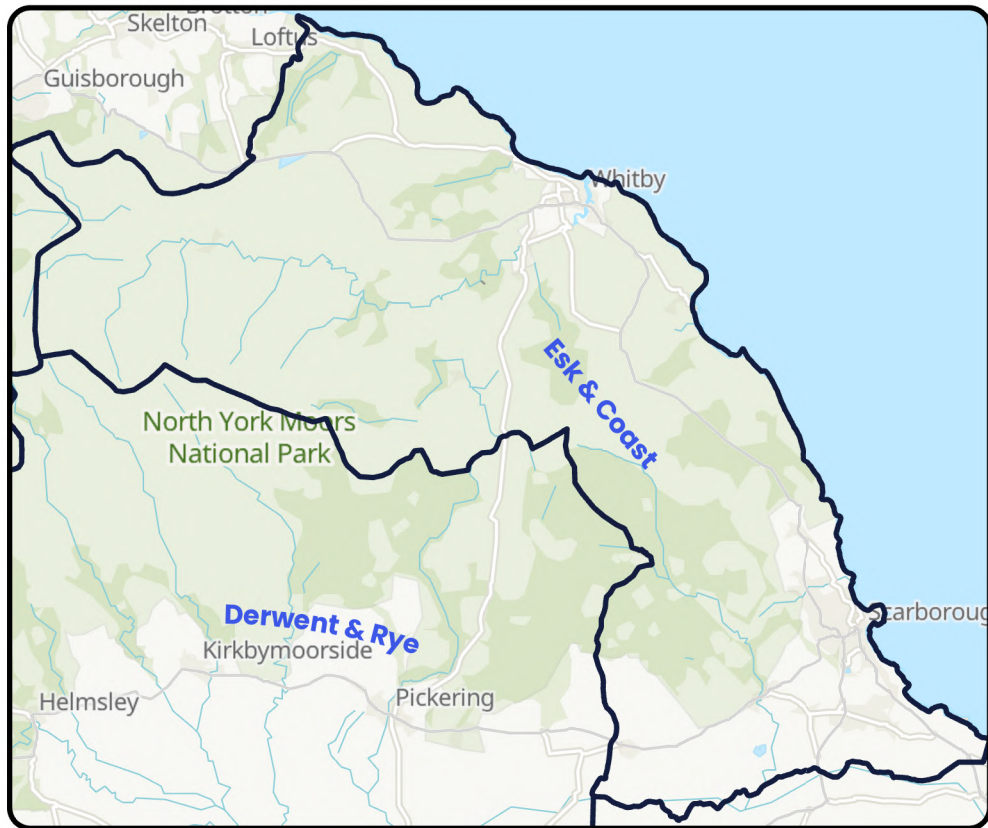
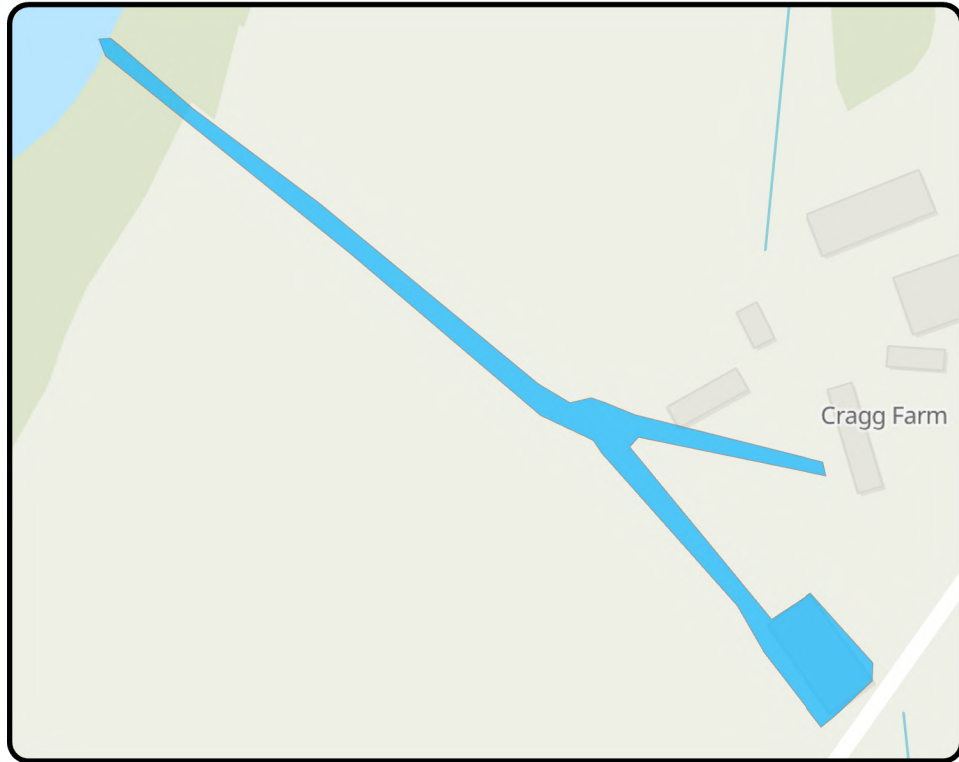
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 2020 Score	Storm Overflow Performance 2050 Score	Risk of WwTW Compliance Failure 2020	Risk of WwTW Compliance Failure 2050
0	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
2.5	3	3	5	5	5	1	1	1



Hardstruggle Cottages Esk & Coast



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	14
Modelled Consented Storm Overflows	-
Wastewater Pumping Stations	0
Foul and Combined Sewer Length	0km
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
Sewer Flooding Risk
As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective
Storm Overflow Risk
As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective
WwTW Compliance Risk
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	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

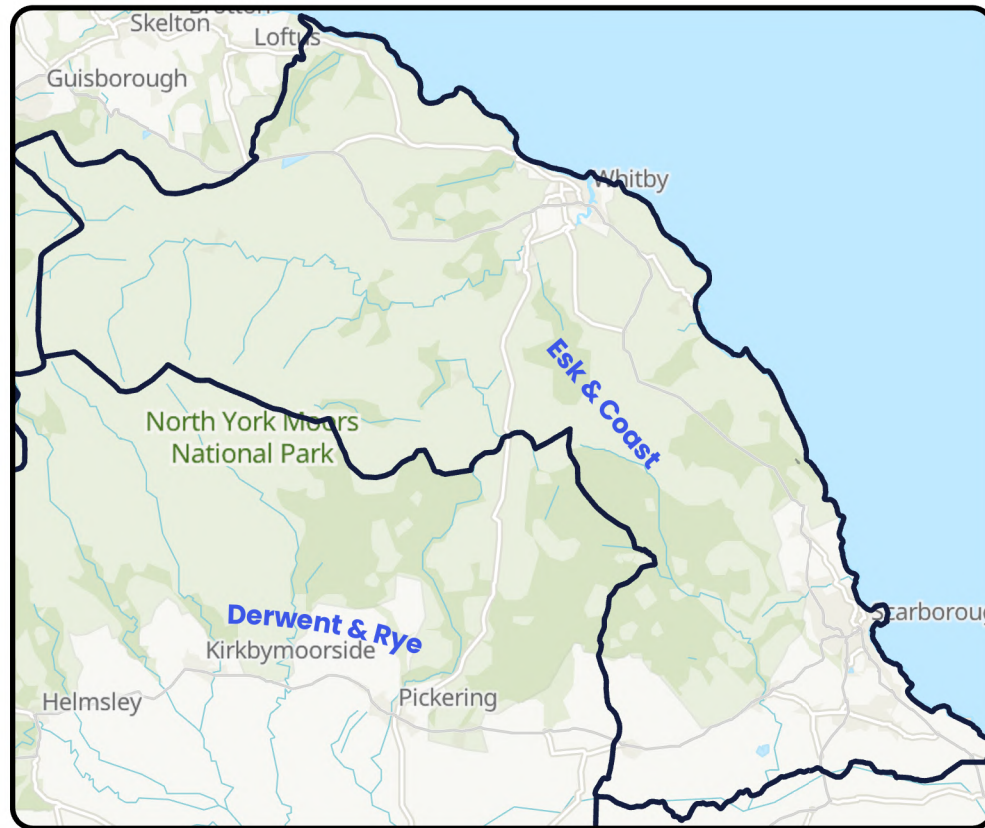
0 Not Significant 1 Moderately Significant Risk 2 Very Significant 0 Lower Risk 1 2 3 4 5 Higher Risk



Hayburn Wyke Hotel Esk & Coast

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	6
2050 Population Equivalent	7
Modelled Consented Storm Overflows	-
Wastewater Pumping Stations	0
Foul and Combined Sewer Length	0km
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
Sewer Flooding Risk
As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective
Storm Overflow Risk
As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective
WwTW Compliance Risk
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

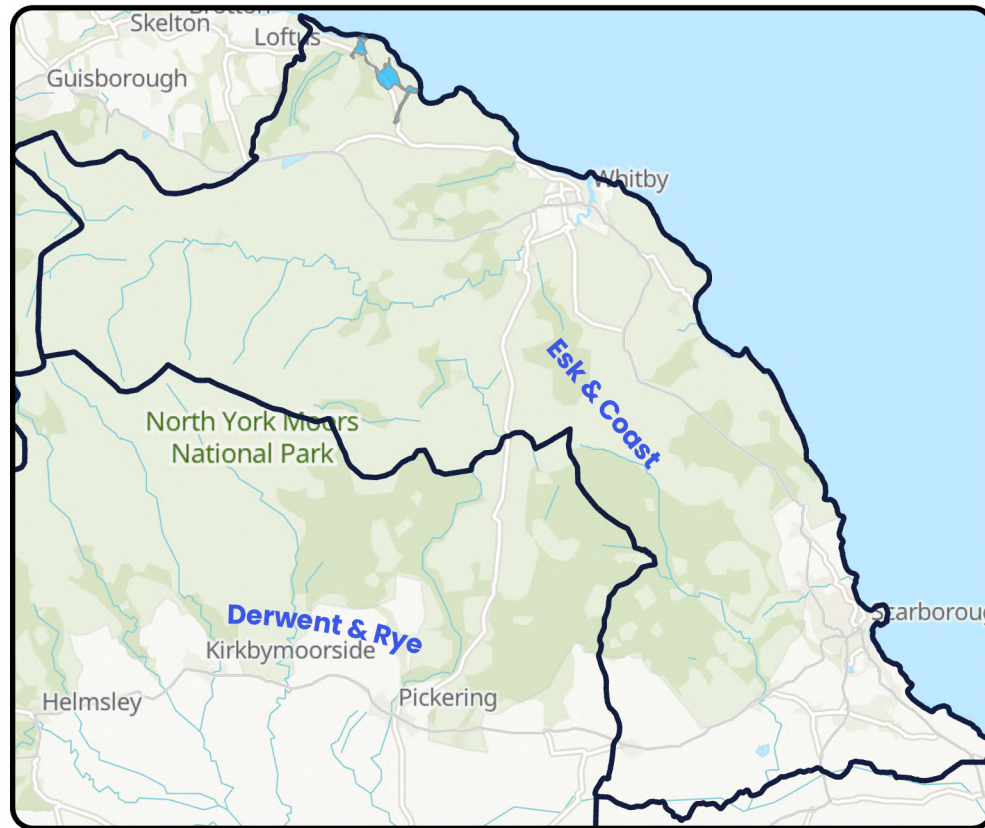
National Baseline Risk and Vulnerability Assessment									Bespoke Planning Objectives								
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 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

Hinderwell Esk & Coast

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	2,211
2050 Population Equivalent	2,105
Modelled Consented Storm Overflows	6
Wastewater Pumping Stations	4
Foul and Combined Sewer Length	14.4km
Surface Water Sewer Length	1.4km
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

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

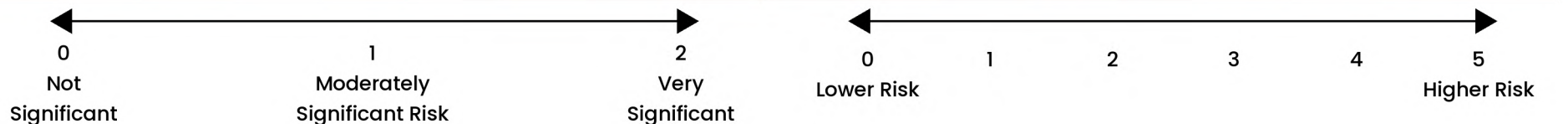
Catchment Characterisation	Bathing or Shellfish Waters	Discharge to sensitive	Discharge to sensitive	SOAF	CAF	Internal Sewer Flooding	External Sewer Flooding	Pollution Incidents	WwTW Q Compliance	WwTW DWF Compliance	Storm Overflows	Other RMA Systems	Planned Residential Development	WINEP	Sewer Collapses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

National Baseline Risk and Vulnerability Assessment

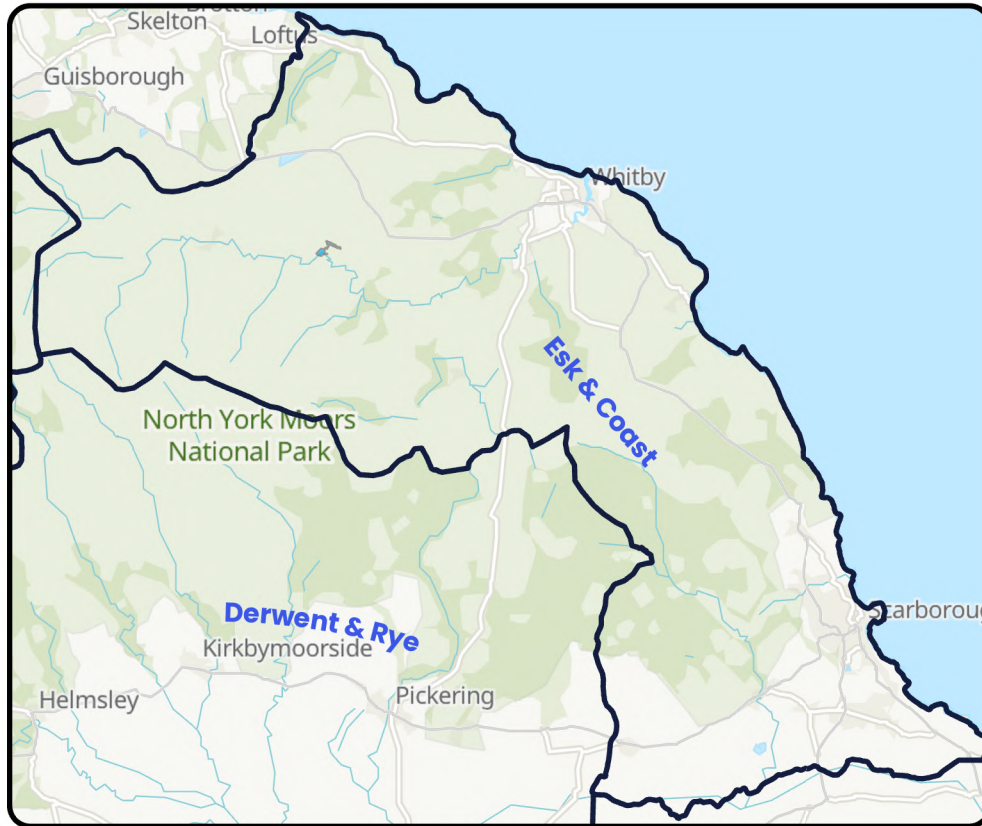
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 2020 Score	Storm Overflow Performance 2050 Score	Risk of WwTW Compliance Failure 2020	Risk of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



Lealholm Esk & Coast



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	338
2050 Population Equivalent	405
Modelled Consented Storm Overflows	2
Wastewater Pumping Stations	0
Foul and Combined Sewer Length	2.2km
Surface Water Sewer Length	0km
Site of Special Scientific Interest Present	Yes
Special Area of Conservation Present	Yes
Priority River Habitat	No
Catchment Wider Resilience Risk Band	Low

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

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

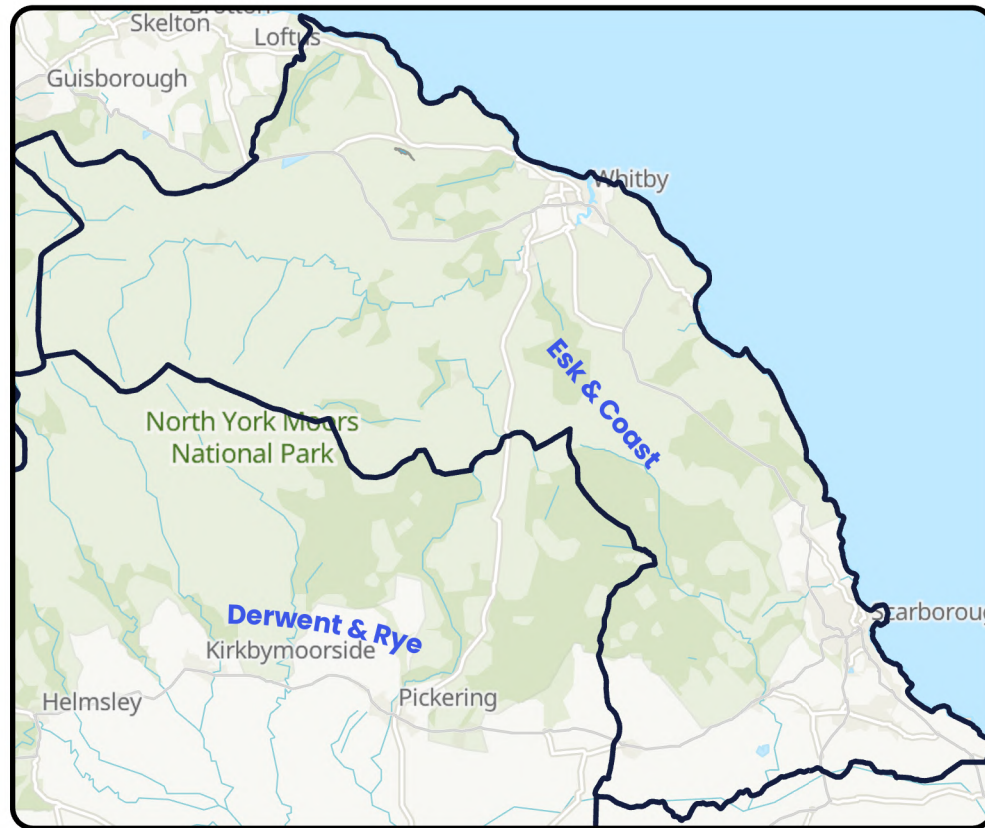
National Baseline Risk and Vulnerability Assessment									Bespoke Planning Objectives								
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 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	0	0	2	2	0	0	0	0	0	4	4	4	1	1	1

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

Mickleby Esk & Coast

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	142
2050 Population Equivalent	130
Modelled Consented Storm Overflows	1
Wastewater Pumping Stations	0
Foul and Combined Sewer Length	0.8km
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

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 high risk for 2050

WwTW Compliance Risk

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

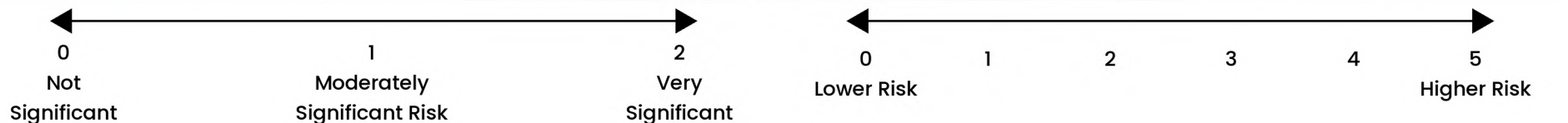
Catchment Characterisation	Bathing or Shellfish Waters	Discharge to sensitive	Discharge to sensitive	SOAF	CAF	Internal Sewer Flooding	External Sewer Flooding	Pollution Incidents	WwTW Q Compliance	WwTW DWF Compliance	Storm Overflows	Other RMA Systems	Planned Residential Development	WINEP	Sewer Collapses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

National Baseline Risk and Vulnerability Assessment

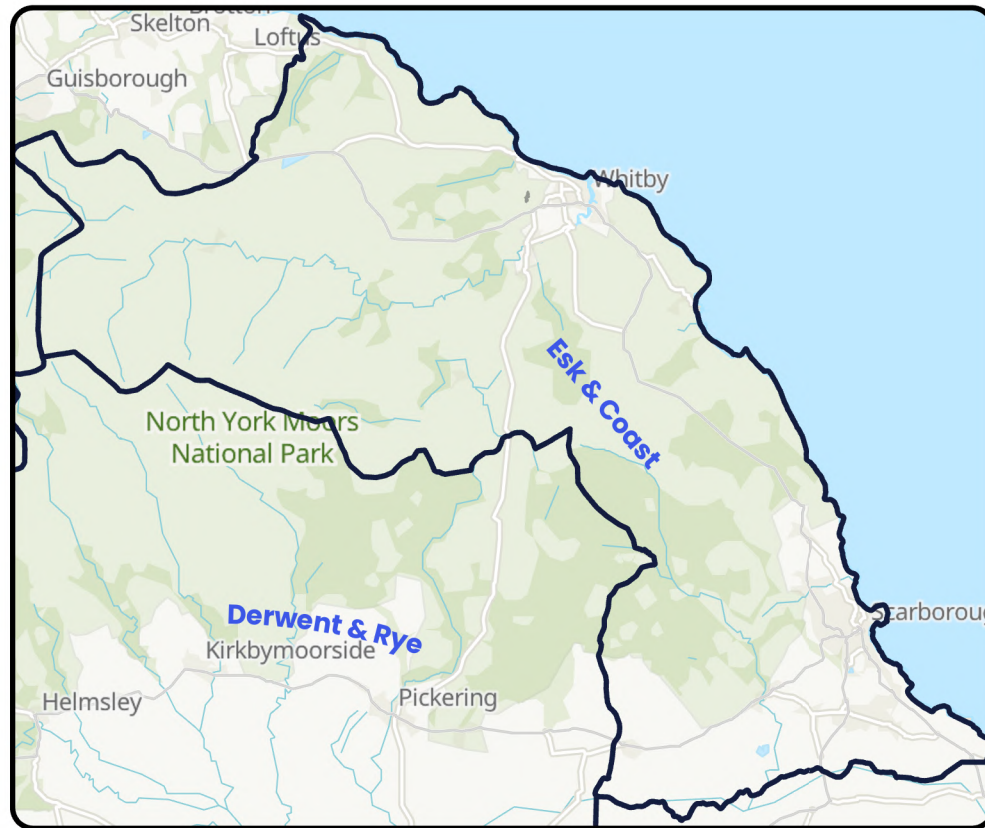
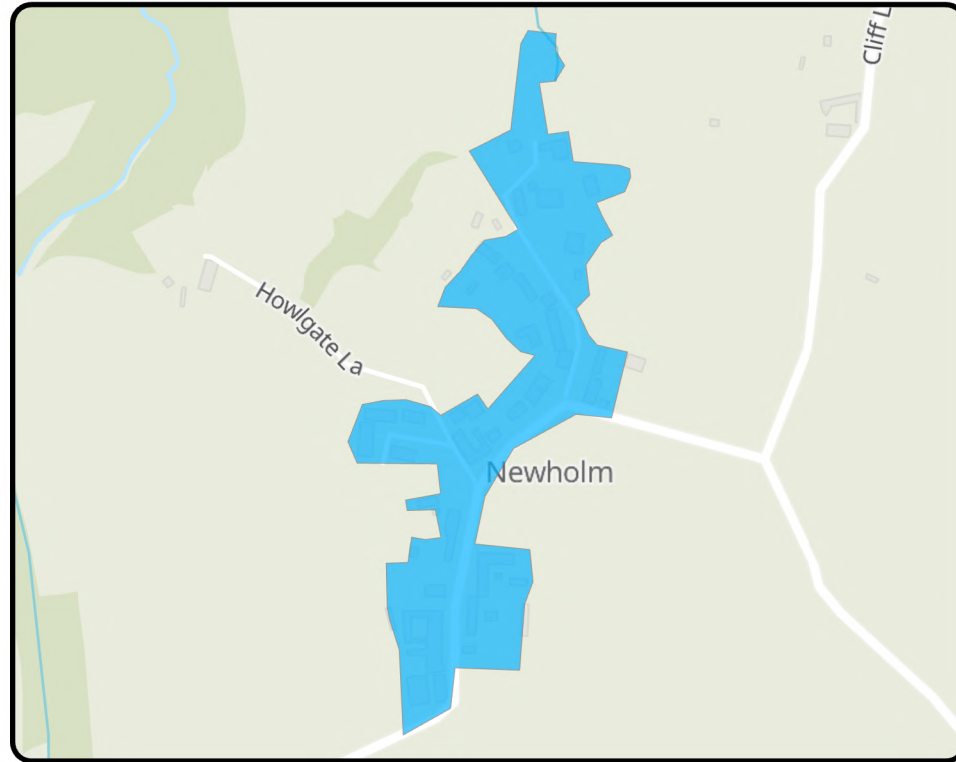
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 2020 Score	Storm Overflow Performance 2050 Score	Risk of WwTW Compliance Failure 2020	Risk of WwTW Compliance Failure 2050
0	0	0	2	2	2	2	N/A	N/A

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	3	5	5	5	N/A	N/A	N/A



Newholm Esk & Coast



Outcome: Monitor

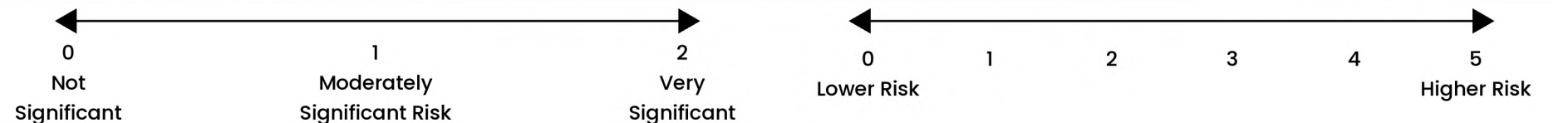
Continue to monitor all potential risks in the catchment and promote once a suitable threshold is breached

Key Catchment Statistics	
2020 Population Equivalent	124
2050 Population Equivalent	117
Modelled Consented Storm Overflows	-
Wastewater Pumping Stations	0
Foul and Combined Sewer Length	0.5km
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

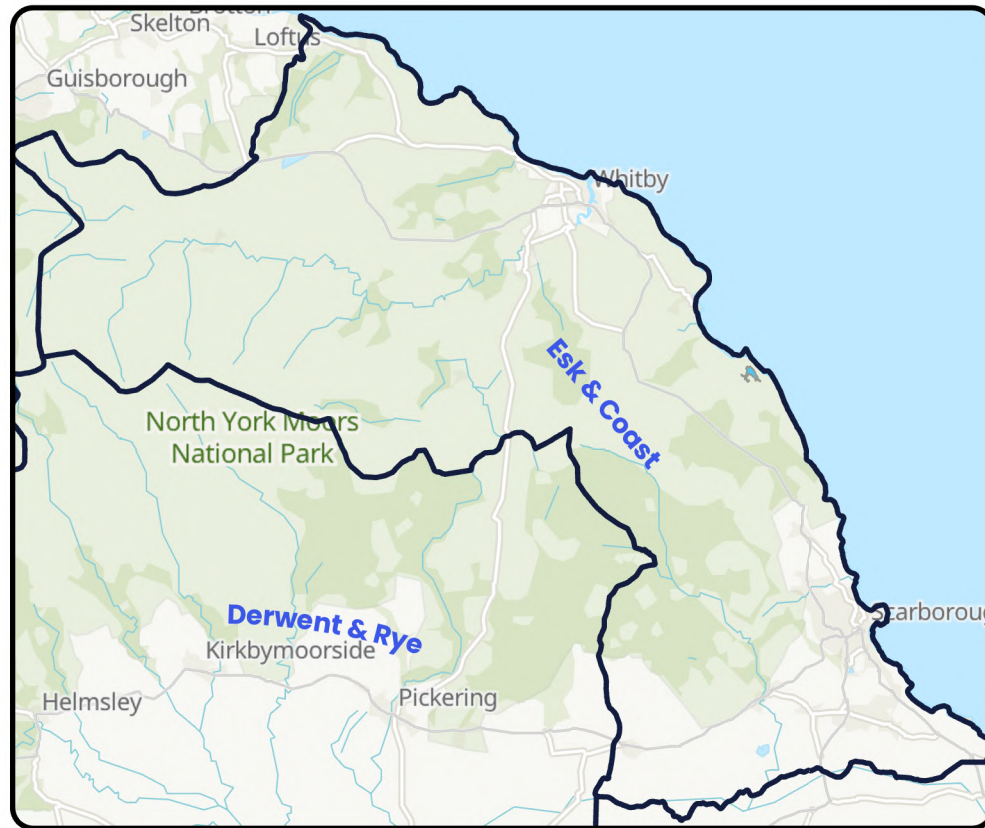
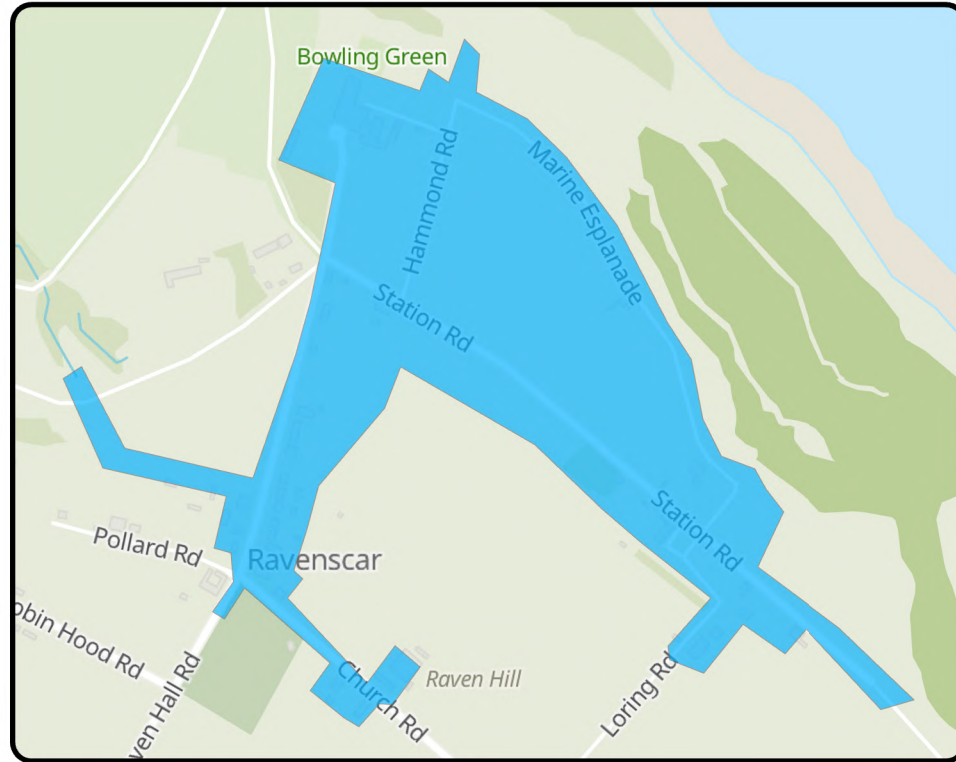
Outcome Summary
Sewer Flooding Risk
By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for sewer flooding, we believe this catchment represents low risk for 2050
Storm Overflow Risk
By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for Storm Overflows, we believe this catchment represents low risk for 2050
WwTW Compliance Risk
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	Yes	No	No	Yes	No	No	No	No	No	No	No	Yes	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	2	0	0	1	N/A	N/A	N/A	N/A	1.5	1.5	1.5	0	0	0	N/A	N/A	N/A



Ravenscar Esk & Coast



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	129
2050 Population Equivalent	123
Modelled Consented Storm Overflows	-
Wastewater Pumping Stations	1
Foul and Combined Sewer Length	2.6km
Surface Water Sewer Length	0.1km
Site of Special Scientific Interest Present	Yes
Special Area of Conservation Present	Yes
Priority River Habitat	No
Catchment Wider Resilience Risk Band	Low

Outcome Summary
Sewer Flooding Risk
As this catchment did not progress through to the BRAVA stage, we have not determined a risk position for our sewer flooding planning objective
Storm Overflow Risk
As this catchment did not progress through to the BRAVA stage we have not determined a risk position for our Storm Overflow planning objective
WwTW Compliance Risk
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	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

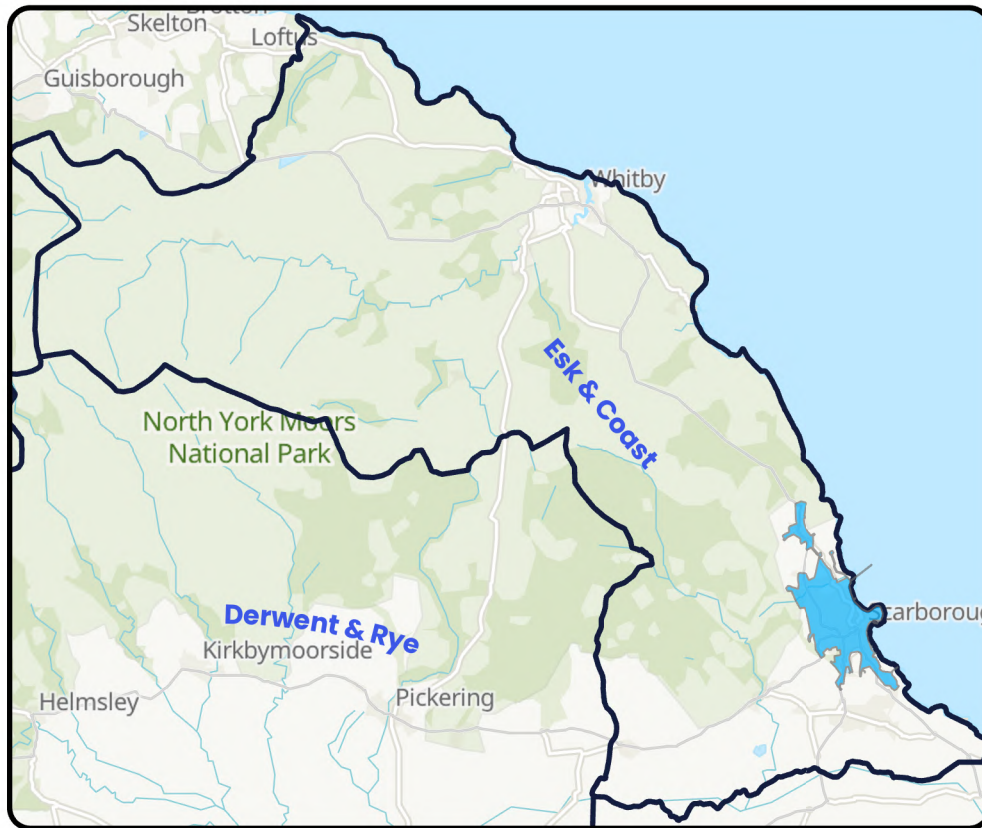
0 Not Significant 1 Moderately Significant Risk 2 Very Significant 0 Lower Risk 1 2 3 4 5 Higher Risk



Scarborough Esk & Coast

Outcome: Promote

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

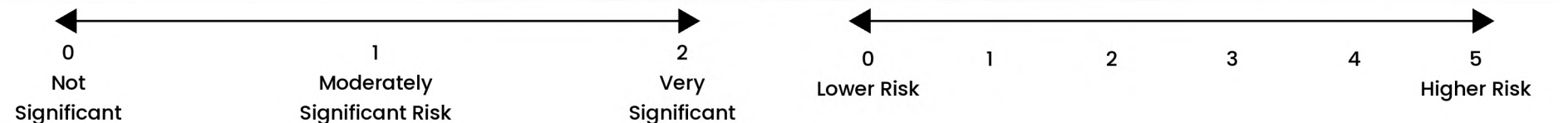


Key Catchment Statistics	
2020 Population Equivalent	59,155
2050 Population Equivalent	68,058
Modelled Consented Storm Overflows	13
Wastewater Pumping Stations	14
Foul and Combined Sewer Length	276.2km
Surface Water Sewer Length	60.7km
Site of Special Scientific Interest Present	Yes
Special Area of Conservation 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 low 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	Yes	No	No	No	No	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	YES

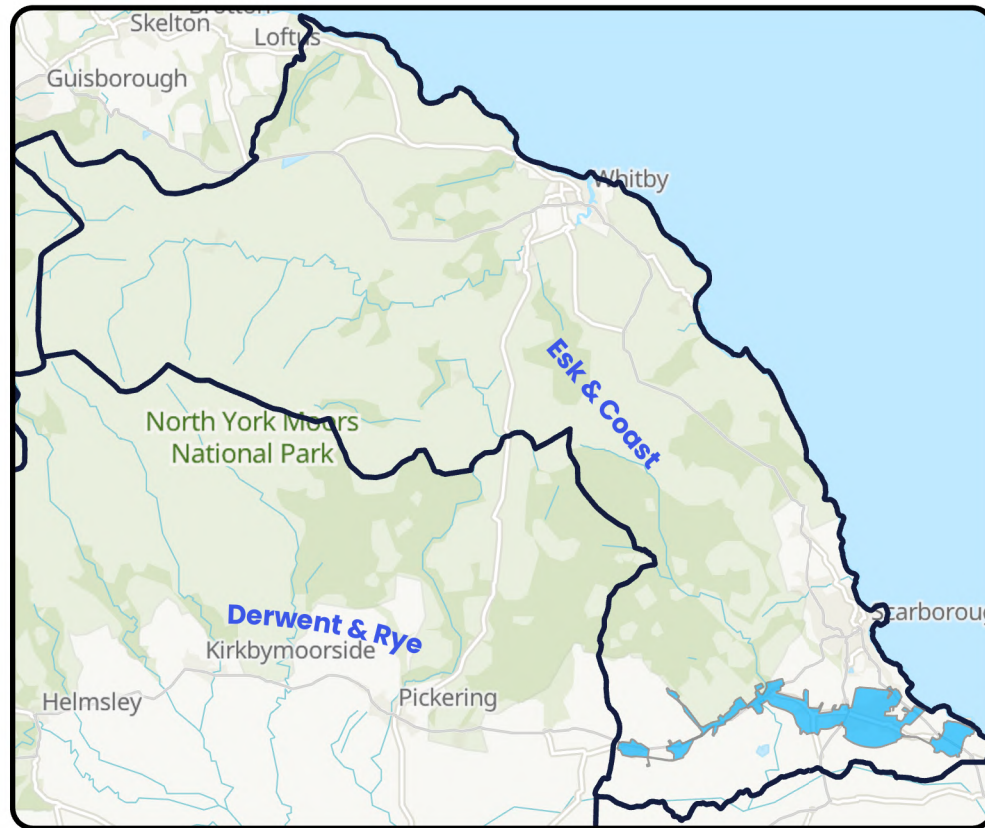
National Baseline Risk and Vulnerability Assessment									Bespoke Planning Objectives								
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 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
2	2	0	1	1	1	1	0	0	3	3.5	3.5	2	2	2	1	1	2



Seamer Esk & Coast

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	24,667
2050 Population Equivalent	27,484
Modelled Consented Storm Overflows	13
Wastewater Pumping Stations	24
Foul and Combined Sewer Length	96.8km
Surface Water Sewer Length	37.7km
Site of Special Scientific Interest Present	Yes
Special Area of Conservation Present	No
Priority River Habitat	Yes
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 high risk for 2050

WwTW Compliance Risk

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

Risk Based Catchment Screening

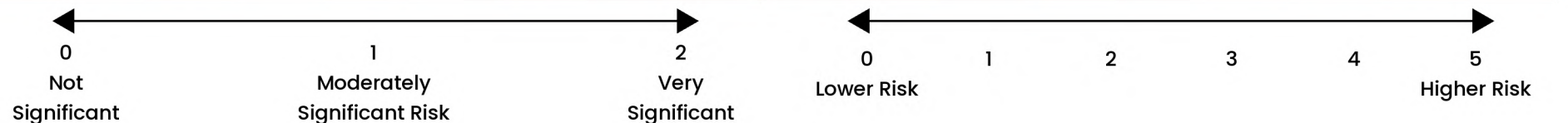
Catchment Characterisation	Bathing or Shellfish Waters	Discharge to sensitive	Discharge to sensitive	SOAF	CAF	Internal Sewer Flooding	External Sewer Flooding	Pollution Incidents	WwTW Q Compliance	WwTW DWF Compliance	Storm Overflows	Other RMA Systems	Planned Residential Development	WINEP	Sewer Collapses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

National Baseline Risk and Vulnerability Assessment

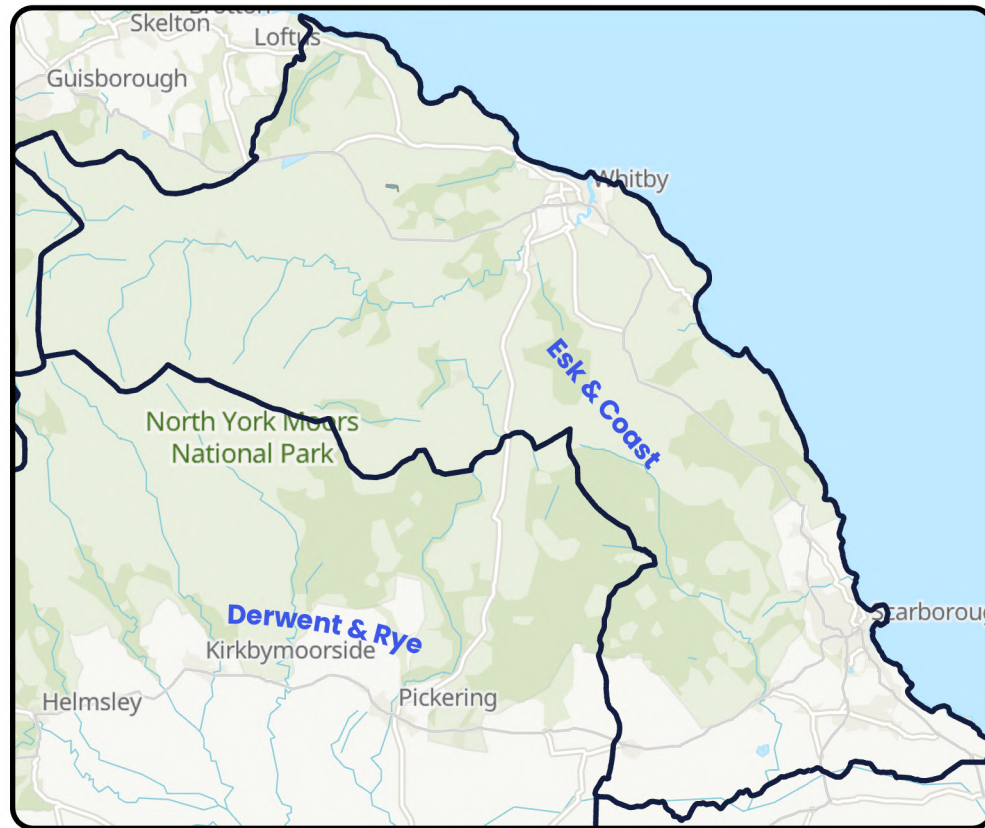
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 2020 Score	Storm Overflow Performance 2050 Score	Risk of WwTW Compliance Failure 2020	Risk of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

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
5	5	5	3	4	4	3	3	4



Ugthorpe Esk & Coast



Outcome: Monitor

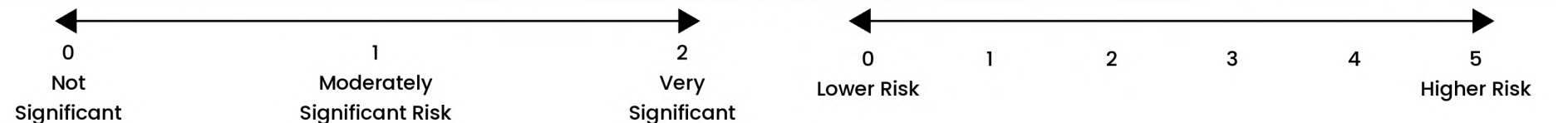
Continue to monitor all potential risks in the catchment and promote once a suitable threshold is breached

Key Catchment Statistics	
2020 Population Equivalent	127
2050 Population Equivalent	119
Modelled Consented Storm Overflows	-
Wastewater Pumping Stations	0
Foul and Combined Sewer Length	0.7km
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

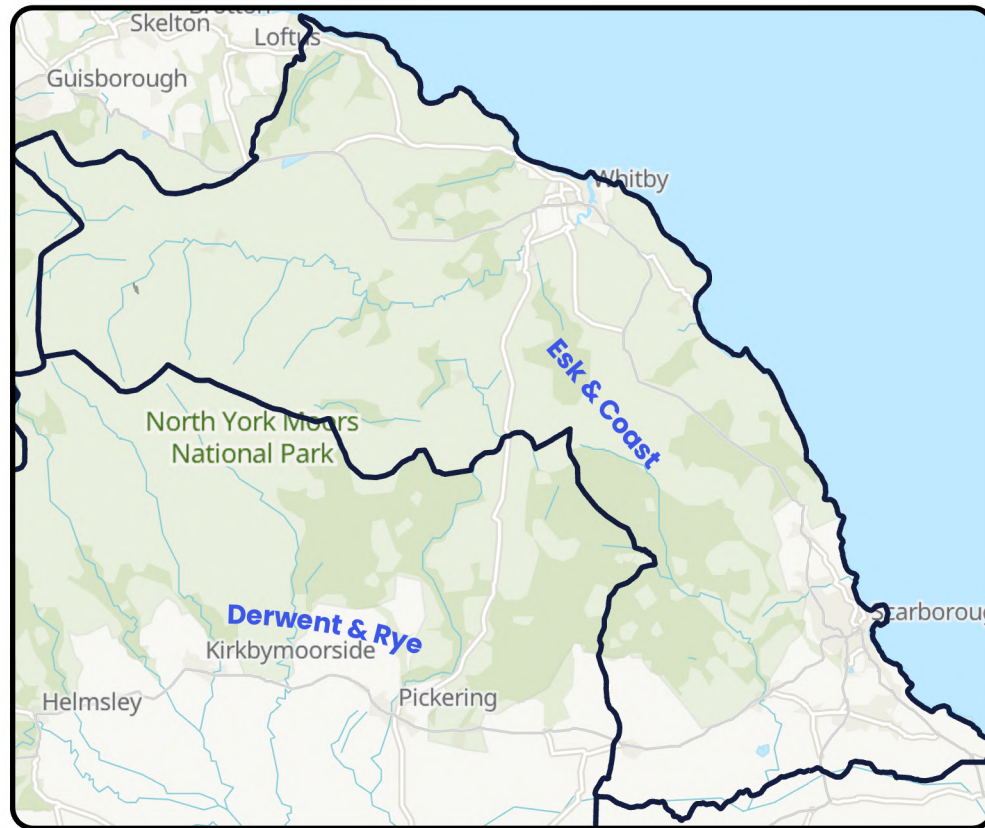
Outcome Summary
Sewer Flooding Risk
By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for sewer flooding, we believe this catchment represents low risk for 2050
Storm Overflow Risk
By assessing our hydraulic modelling outputs or where not available, our unmodelled methodology, against our bespoke planning objective for Storm Overflows, we believe this catchment represents low risk for 2050
WwTW Compliance Risk
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	Yes	No	No	Yes	No	No	No	No	No	No	No	Yes	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	2	0	0	0	0	0	N/A	N/A	1	1	1.5	1	1	1	N/A	N/A	N/A



Westerdale Esk & Coast



Outcome: Monitor

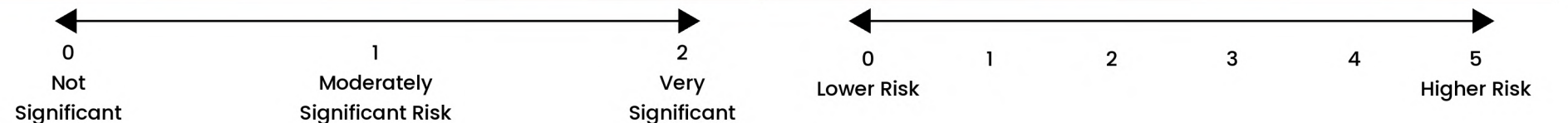
Continue to monitor all potential risks in the catchment and promote once a suitable threshold is breached

Key Catchment Statistics	
2020 Population Equivalent	51
2050 Population Equivalent	50
Modelled Consented Storm Overflows	-
Wastewater Pumping Stations	0
Foul and Combined Sewer Length	0.6km
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
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
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	Yes	No	No	No	No	No	No	No	No	No	No	Yes	YES

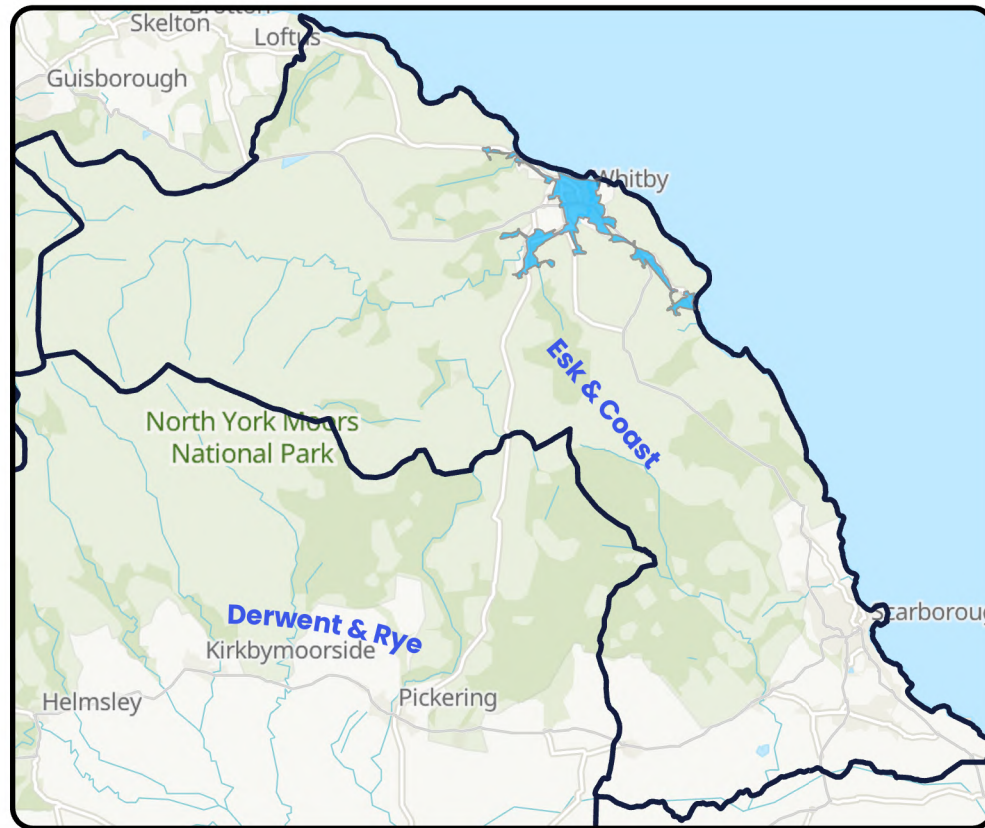
National Baseline Risk and Vulnerability Assessment									Bespoke Planning Objectives								
Internal Sewer Flooding 2020 Score	Pollution Risk 2020 Score	Sewer Collapse Risk 2020 Score	Risk of Sewer Flooding (1 in 50) 2020 Score	Risk of Sewer Flooding (1 in 50) 2050 Score	Storm Overflow Performance 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	1	1	0	2	N/A	N/A	1.5	2.5	3	2	3	3	N/A	N/A	N/A



Whitby Esk & Coast

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	19,667
2050 Population Equivalent	22,111
Modelled Consented Storm Overflows	27
Wastewater Pumping Stations	30
Foul and Combined Sewer Length	114.6km
Surface Water Sewer Length	24km
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 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	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	No	Yes	YES

National Baseline Risk and Vulnerability Assessment

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

