

DRAINAGE AND WASTEWATER MANAGEMENT PLANS (DWMP)



LEVEL 2 STRATEGIC PLANNING AREA SUMMARY – WEAR

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OVERVIEW

The Drainage and Wastewater Management Plan (DWMP) covers seven Strategic Planning Areas (SPA). The seven areas align broadly with the river basin catchments within the region and the main urban areas.

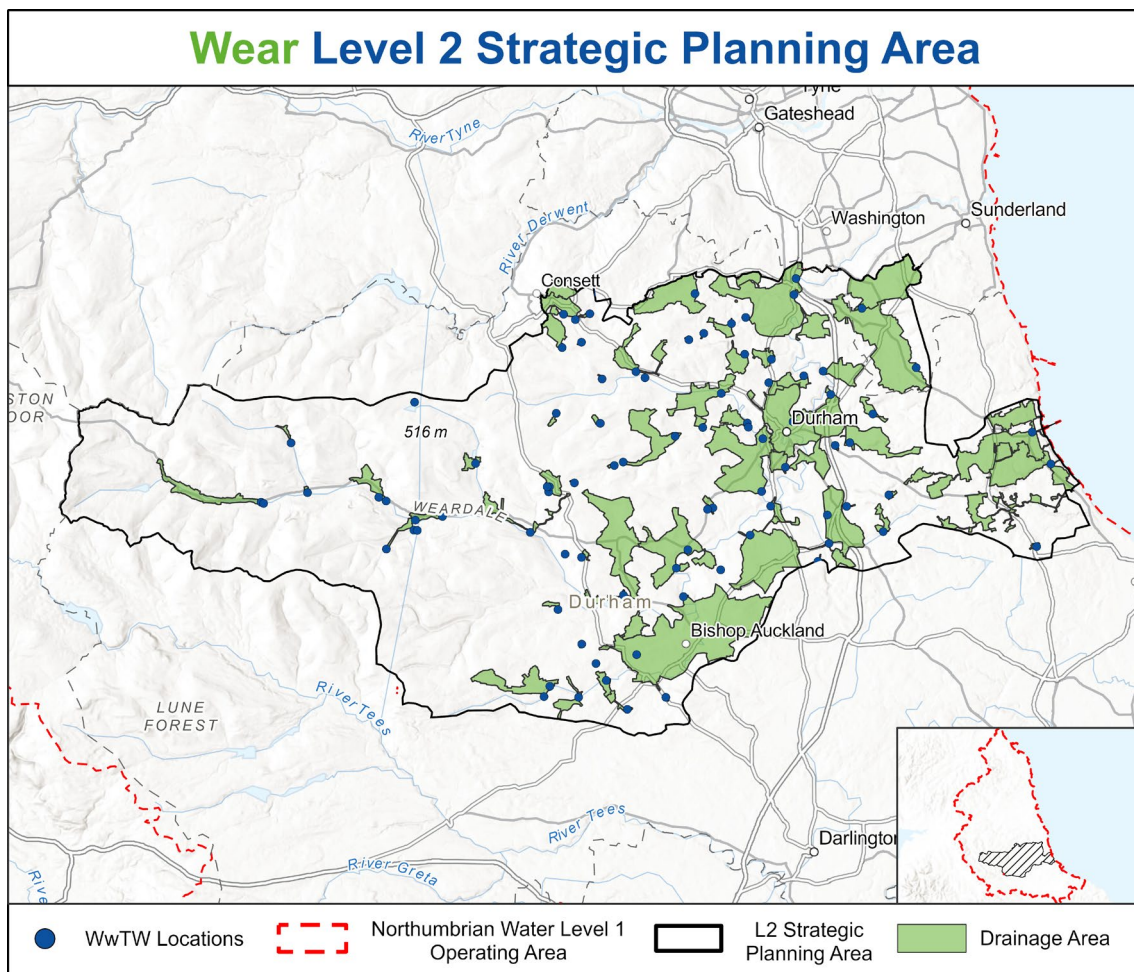
This document provides an overview of the DWMP for the **Wear Level 2 SPA**.

Within the Wear Level 2 SPA, there are:

- 82 Wastewater Treatment Works (WwTW)
- 83 Level 3 Tactical Planning Unit (TPU) areas
- 91 Wastewater Drainage Areas

The total estimated population of the Wear Level 2 SPA is 402,000.

WEAR LEVEL 2 STRATEGIC PLANNING AREA



DRAINAGE AREAS WITHIN WEAR L2 SPA

The following table outlines all of the drainage areas within the Wear Level 2 SPA. The table also outlines whether the drainage area triggered during the Risk Based Catchment Screening (RBCS) stage of the DWMP for detailed analysis as part of the Baseline Risk and Vulnerability Assessment (BRAVA) stage.

| Drainage Area Reference | Drainage Area Name | WwTW Name | Triggered BRAVA? |
|-------------------------|----------------------------|---------------------------|------------------|
| 06-D01 | Hamsterley | Hamsterley WwTW | No |
| 06-D02 | Fir Tree | Fir Tree WwTW | No |
| 06-D04 | Low Etherley | Low Wadsworth WwTW | Yes |
| 06-D05 | Crook | Low Wadsworth WwTW | Yes |
| 06-D06 | St Johns Chapel & Westgate | Western Area WwTW | Yes |
| 06-D07 | Rookhope | Rookhope WwTW | No |
| 06-D08 | Eastgate | Eastgate WwTW | No |
| 06-D09 | Stanhope & Crawleyside | Stanhope WwTW | Yes |
| 06-D10 | Frosterley | Frosterley WwTW | No |
| 06-D11 | Hill End & Bridge End | Bridge End WwTW | No |
| 06-D12 | White Kirkley | White Kirkley WwTW | No |
| 06-D13 | Wolsingham | Wolsingham WwTW | Yes |
| 06-D14 | Thornley | Wolsingham WwTW | Yes |
| 06-D15 | Tow Law | Tow Law WwTW | Yes |
| 06-D16 | Brotherlee | Brotherlee WwTW | No |
| 06-D17 | Railway Terrace | Railway Terrace WwTW | No |
| 06-D18 | Low Bishopley | Low Bishopley WwTW | No |
| 06-D19 | Wear Valley Junction | Wear Valley Junction WwTW | No |
| 06-D20 | Tunstall | Tunstall WwTW | No |
| 07-D01 | Sacriston | Sacriston WwTW | Yes |
| 07-D02 | Nettlesworth | Plawsworth WwTW | Yes |
| 07-D03 | Edmondsley | Edmondsley WwTW | No |
| 07-D04 | Chester le Street | Chester Le Street WwTW | Yes |
| 07-D05 | The Moorings | The Moorings WwTW | No |
| 07-D06 | Waldrige Drift | Waldrige Drift WwTW | No |
| 07-D07 | Great Lumley | Chester Le Street WwTW | Yes |
| 07-D08 | Leadgate North | Consett WwTW | Yes |
| 07-D09 | Leadgate South | Crookhall WwTW | Yes |
| 07-D10 | Delves | Knitsley WwTW | Yes |
| 07-D11 | Iveston West | Iveston West WwTW | No |
| 07-D12 | Iveston East | Iveston East WwTW | No |
| 07-D13 | Crookhall | Crookhall WwTW | Yes |
| 07-D14 | South Stanley & Craghead | Hustledown WwTW | Yes |

| Drainage Area Reference | Drainage Area Name | WwTW Name | Triggered BRAVA? |
|-------------------------|----------------------------------|--------------------------|------------------|
| 07-D15 | Lanchester & Burnhope | Lanchester WwTW | Yes |
| 07-D16 | Langley Park & Witton Gilbert | Witton Gilbert WwTW | Yes |
| 07-D17 | Satley | Satley WwTW | No |
| 07-D18 | Holmside | Holmside WwTW | No |
| 07-D19 | Peartree Cottages | Pear Tree WwTW | No |
| 07-D20 | East Hedleyhope | East Hedleyhope WwTW | No |
| 07-D21 | Hedleyhope Colliery | Hedleyhope Colliery WwTW | No |
| 07-D22 | Hollinside Hall | Hollinside WwTW | No |
| 07-D23 | Hurbuck Cottages | Hurbuck Cottages WwTW | No |
| 07-D24 | Cornsay | Cornsay WwTW | No |
| 07-D25 | Esh Winning | Esh Winning WwTW | Yes |
| 07-D26 | Bearpark | Aldin Grange North WwTW | Yes |
| 07-D27 | Ushaw Moor & Brandon | Browney WwTW | Yes |
| 07-D28 | Lower Brancepeth | Stockley Grove WwTW | No |
| 07-D29 | Brancepeth | Brancepeth WwTW | No |
| 07-D30 | Sunderland Bridge | Sunderland Bridge WwTW | Yes |
| 07-D31 | Bowburn | Bowburn WwTW | Yes |
| 07-D32 | Cassop | Cassop WwTW | No |
| 07-D33 | Kelloe | Kelloe WwTW | Yes |
| 07-D34 | West Rainton | Leamside WwTW | Yes |
| 07-D35 | Carrville & Belmont & Shincliffe | Belmont WwTW | Yes |
| 07-D36 | Pittington | Pittington WwTW | No |
| 07-D37 | Sherburn | Sherburn WwTW | Yes |
| 07-D38 | Sherburn Hospital | Sherburn House WwTW | No |
| 07-D39 | Pity Me | Pity Me WwTW | No |
| 07-D40 | Newton Grange | Brasside WwTW | No |
| 07-D41 | Durham City & Newton Hall | Barkers Haugh WwTW | Yes |
| 07-D42 | Elvet Hill | University WwTW | Yes |
| 07-D43 | Tursdale Aged Miners Homes | Tursdale WwTW | No |
| 07-D44 | Spennymoor | Tudhoe Mill WwTW | Yes |
| 07-D45 | Cornforth | Tudhoe Mill WwTW | Yes |
| 07-D46 | East Howle | East Howle WwTW | No |
| 07-D47 | Byers Green | Willington WwTW | Yes |
| 07-D48 | Old Park Terrace | Old Park Terrace WwTW | No |
| 07-D49 | Metal Bridge | Metal Bridge WwTW | No |
| 07-D51 | Cockfield & Esperley | Cockfield WwTW | No |
| 07-D52 | Butterknowle | Butterknowle WwTW | Yes |
| 07-D53 | High Lands | Cockfield WwTW | No |
| 07-D54 | North Evenwood & Ramshaw | Ramshaw WwTW | Yes |
| 07-D55 | South Evenwood | New Moors WwTW | No |

| Drainage Area Reference | Drainage Area Name | WwTW Name | Triggered BRAVA? |
|-------------------------|----------------------|------------------------------|------------------|
| 07-D56 | Bildershaw | Bildershaw WwTW | No |
| 07-D57 | Bishop Auckland | Bishop Auckland WwTW | Yes |
| 07-D58 | Newfield | Newfield WwTW | No |
| 07-D59 | Willington & Hunwick | Willington WwTW | Yes |
| 07-D60 | Herrington | Sedgelecth WwTW | Yes |
| 07-D61 | Houghton/Hetton | Sedgelecth WwTW | Yes |
| 07-D62 | Cockfield Station | Station House Cockfield WwTW | No |
| 07-D63 | Deerness View | Ushaw Moor WwTW | No |
| 07-D64 | Bearpark Hall | Aldin Grange South WwTW | No |
| 07-D65 | Heugh Hall | Heugh Hall WwTW | No |
| 07-D66 | Malton | Malton WwTW | No |
| 07-D67 | Hedley Hill Colliery | Hedley Hill WwTW | No |
| 07-D68 | Greenfields | Greenfields WwTW | No |
| 07-D69 | Windmill | Windmill WwTW | No |
| 07-D70 | Bowes Hill | Bowes Hill WwTW | No |
| 08-D01 | Seaham | Seaham WwTW | Yes |
| 08-D02 | Murton | Seaham WwTW | Yes |
| 08-D03 | Easington | Horden WwTW | Yes |
| 08-D04 | Hawthorn | Hawthorn WwTW | Yes |
| 08-D05 | Peterlee | Horden WwTW | Yes |
| 08-D06 | Seaburn & Roker | Hendon WwTW | Yes |
| 08-D07 | Hylton Castle | Hendon WwTW | Yes |
| 08-D08 | Wearmouth | Hendon WwTW | Yes |
| 08-D09 | Barnes Burn | Hendon WwTW | Yes |
| 08-D10 | Hendon Burn | Hendon WwTW | Yes |
| 08-D11 | Pallion | Hendon WwTW | Yes |
| 08-D12 | Ryhope & Silksworth | Hendon WwTW | Yes |
| 08-D13 | Nissan | Washington WwTW | Yes |
| 08-D14 | Washington North | Washington WwTW | Yes |
| 08-D15 | Washington Central | Washington WwTW | Yes |
| 08-D16 | Fatfield | Washington WwTW | Yes |
| 08-D17 | Burdon Village | Burdon Village WwTW | No |
| 08-D18 | Sheepfolds | Sheepfolds WwTW | No |
| 11-D07 | Sheraton | Sheraton WwTW | No |

KEY STAKEHOLDERS

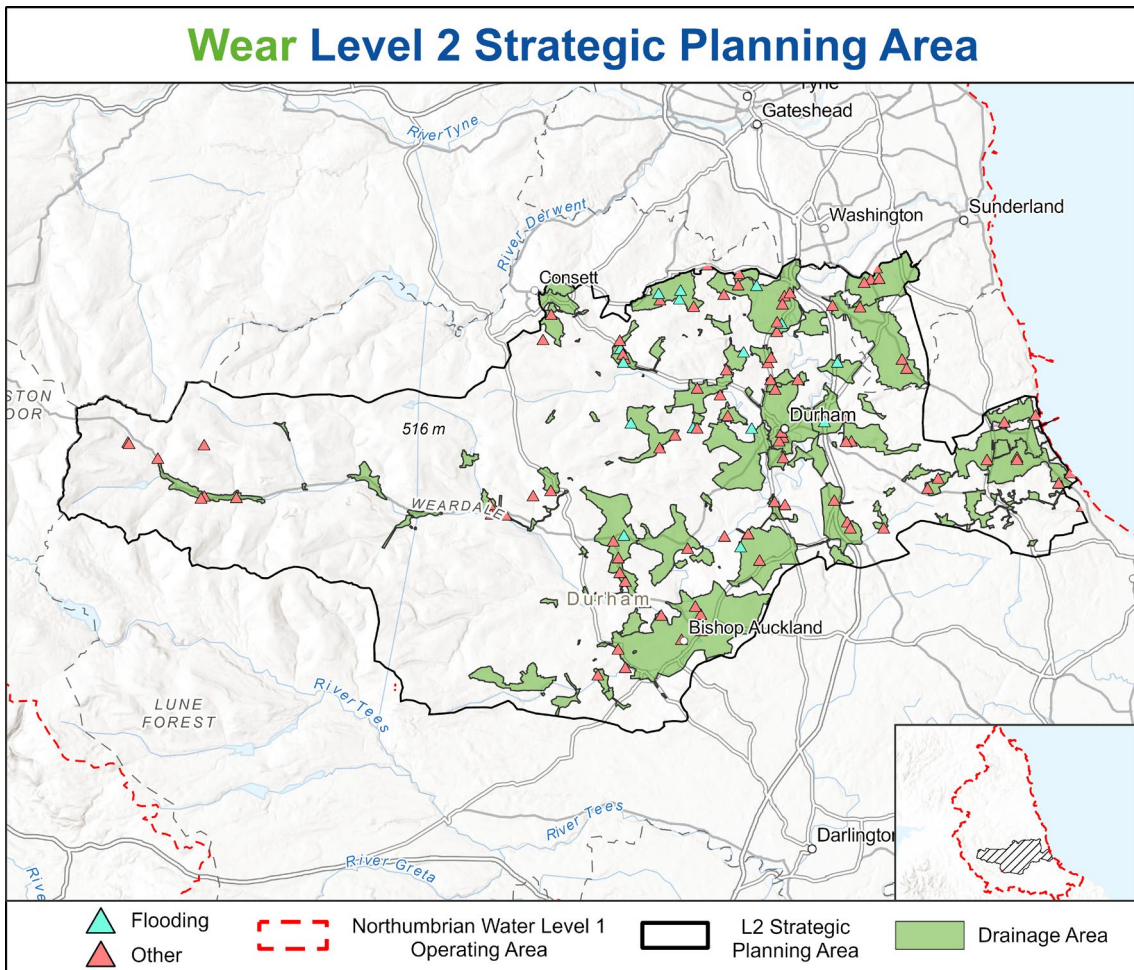
It is widely recognised and acknowledged that drainage systems are complex and have numerous interactions, both known and unknown. It was therefore important that the DWMP was not created solely by Northumbrian Water. While NWL have been tasked with the delivery of the DWMP, it was critical that the public and relevant stakeholders actively participated and offered support in its creation. We have worked with a range of relevant stakeholders in the production of the DWMP, including the Environment Agency (EA), Lead Local Flood Authorities, Local Planning Authorities, housing developers and environmental partners.

Through different partnerships and strategies, we play an active role within the region, working collaboratively with stakeholders on several projects. The DWMP builds on the strong foundation of the Northumbria Integrated Drainage Partnership (NIDP), which consists of 14 Lead Local Flood Authorities, the EA and Northumbrian Water. One of the aims of the NIDP is to identify opportunities to deliver surface water management schemes within catchments to reduce the risk and impact of flooding. Catchments are taken from the investigation stages where opportunity areas are identified, through to the outline business case stage to determine funding sources, and ultimately through to scheme delivery. The award-winning partnership approach, which is based around collaboration to identify priority investment areas where benefits can be delivered for multiple stakeholders, provides an excellent platform for the DWMP.

To ensure that existing and future opportunities for working collaboratively with stakeholders were included in the production of the DWMP, engagement sessions were held in March 2023. During these sessions, all the geographical areas covered by the DWMP were reviewed to identify, record and map ongoing and future opportunities.

| Key Stakeholders |
|---|
| Environment Agency Local Authorities National Farmers Union Rivers Trusts Natural England Developers National Parks |

Collaborative Working Opportunities



Significant Collaborative Working Opportunities

| Drainage Area Reference | Organisation | Opportunity Type |
|-------------------------|--|--|
| 06-D05 | Environment Agency | Flood and Coastal Risk Management Programme August 2021 |
| 07-D04 | Northumbria Integrated Drainage Partnership (NIDP) | Northumbria Integrated Drainage Partnership study planned for 2026. |
| 07-D14 | Environment Agency | Environment Programme Pipeline Projects 2023-2028, Northumbria Integrated Drainage Partnership |
| 07-D15 | Environment Agency | Environment Programme Pipeline Projects 2023-2028. |
| 07-D34 | Environment Agency | Environment Programme Pipeline Projects 2023-2028. |
| 07-D35 | Environment Agency | Environment Programme Pipeline Projects 2023-2028. |
| 07-D41 | Environment Agency | Environment Programme Pipeline Projects 2023-2028. |
| 07-D41 | Northumbria Integrated Drainage Partnership (NIDP) | Various NIDP schemes with Durham City and Newton Hall covering various areas depending on funding. |
| 07-D44 | Northumbria Integrated Drainage Partnership (NIDP) | Northumbria Integrated Drainage Partnership study starting in 2023. |

| Drainage Area Reference | Organisation | Opportunity Type |
|-------------------------|-------------------------|---|
| 07-D57 | Environment Agency | Environment Programme Pipeline Projects 2023-2028 |
| 07-D59 | Environment Agency | Environment Programme Pipeline Projects 2023-2028 |
| 07-D60 | Environment Agency | Environment Programme Pipeline Projects 2023-2028, Flood and Coastal Risk Management Programme August 2021, Northumbria Integrated Drainage Partnership Study phase |
| 07-D60 | Sunderland City Council | Potential to work with the council on various projects. |

CATCHMENT NEEDS

Through the Baseline Risk and Vulnerability Assessment (BRAVA) and Problem Characterisation stages of the DWMP, the requirements for investment within catchments were identified.

The following summaries provide the detail of the 'Catchment Needs' that have been identified within the Wear Level 2 SPA.

Storm Overflow Discharge Reduction Plan

The following table summarises the number of storm overflows within the Wear Level 2 SPA and how many have been included in the DWMP for improvement in line with the Storm Overflow Discharge Reduction Plan (SODRP).

| Storm Overflow Categorisation | Count | Storm Overflows Requiring Improvement |
|---|------------|---------------------------------------|
| Inland – High Priority | 157 | 114 |
| Inland – Not High Priority | 228 | 138 |
| Bathing Water | 0 | 0 |
| Coastal / Estuarine (not linked to Bathing Water) | 4 | 2 |
| Total | 389 | 254 |

Storm Overflow Screening

Under the SODRP, all storm overflows are required to include 6mm screening provision on any discharges that are made.

The following table summarises the number of storm overflows within the Wear Level 2 SPA that have been included in the DWMP for the provision of 6mm screening.

| Storm Overflow Categorisation | Count | Storm Overflows Requiring Screening |
|---|------------|-------------------------------------|
| Inland – High Priority | 157 | 70 |
| Inland – Not High Priority | 228 | 119 |
| Bathing Water | 0 | 0 |
| Coastal / Estuarine (not linked to Bathing Water) | 4 | 0 |
| Total | 389 | 189 |

The full list of storm overflows within the Northumberland Level 2 SPA is included in the following table.

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|-----------------------------------|--------------------|----------------------------|---|
| HAMSTERLEY STW | 06-D01 | Hamsterley | 2045 - 2050 |
| HAMSTERLEY CSO | 06-D01 | Hamsterley | No Improvement Required |
| FIR TREE STW | 06-D02 | Fir Tree | 2045 - 2050 |
| LOW WADSWORTH STW | 06-D04 | Low Etherley | 2030 - 2035 |
| LOW WADSWORTH PS | 06-D04 | Low Etherley | 2030 - 2035 |
| PARK ROAD CSO WV41 | 06-D04 | Low Etherley | No Improvement Required |
| PEASES WEST CSO | 06-D05 | Crook | 2025 - 2030 |
| WEST ROAD CSO | 06-D05 | Crook | 2025 - 2030 |
| ULSWATER CRESCENT CSO | 06-D05 | Crook | 2025 - 2030 |
| BLADESIDE CSO | 06-D05 | Crook | 2025 - 2030 |
| THE HOLLOWES CSO WV50 | 06-D05 | Crook | 2025 - 2030 |
| THE HOLLOWES CSO WV49 | 06-D05 | Crook | 2025 - 2030 |
| WITTON-LE-WEAR PS LOW LANE | 06-D05 | Crook | 2025 - 2030 |
| VALLEY TERRACE CSO | 06-D05 | Crook | 2030 - 2035 |
| WOODFIELD HILL CROOK CSO | 06-D05 | Crook | 2040 - 2045 |
| MILL FARM COMBINED SEWER OVERFLOW | 06-D05 | Crook | 2040 - 2045 |
| INSTITUTE TERRACE CSO | 06-D05 | Crook | No Improvement Required |
| GRANGE BANK CSO | 06-D05 | Crook | No Improvement Required |
| HUNTSHIELD FORD CSO | 06-D06 | St Johns Chapel & Westgate | 2035 - 2040 |
| WESTERN AREA STW | 06-D06 | St Johns Chapel & Westgate | 2035 - 2040 |
| VEDRA CLOSE SSO | 06-D06 | St Johns Chapel & Westgate | 2035 - 2040 |
| WESTGATE CARAVAN SITE CSO | 06-D06 | St Johns Chapel & Westgate | 2035 - 2040 |
| WESTGATE CSO | 06-D06 | St Johns Chapel & Westgate | 2035 - 2040 |
| STOTSFIELD BURN CSO | 06-D07 | Rookhope | 2045 - 2050 |
| ROOKHOPE STW | 06-D07 | Rookhope | 2045 - 2050 |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|-----------------------------------|--------------------|------------------------|---|
| RIVERSIDE (BUTTS CRESCENT) CSO | 06-D09 | Stanhope & Crawleyside | 2030 - 2035 |
| STANHOPE SWIMMING POOL CSO | 06-D09 | Stanhope & Crawleyside | 2030 - 2035 |
| ROSE TERRACE CSO | 06-D09 | Stanhope & Crawleyside | 2035 - 2040 |
| BONDISLE WAY CSO | 06-D09 | Stanhope & Crawleyside | 2035 - 2040 |
| STANHOPE STW | 06-D09 | Stanhope & Crawleyside | 2035 - 2040 |
| FROSTERLEY SEWAGE TREATMENT WORKS | 06-D10 | Frosterley | 2045 - 2050 |
| MILL COTTAGES CSO | 06-D10 | Frosterley | No Improvement Required |
| ANGATE STREET CSO | 06-D13 | Wolsingham | 2045 - 2050 |
| EAST END CSO | 06-D13 | Wolsingham | 2045 - 2050 |
| SCOTCH ISLE FARM CSO | 06-D13 | Wolsingham | 2045 - 2050 |
| WOLSINGHAM STW | 06-D14 | Thornley | 2045 - 2050 |
| TOW LAW STW Storm Tank | 06-D15 | Tow Law | 2040 - 2045 |
| CHURCH LANE CSO | 06-D15 | Tow Law | 2040 - 2045 |
| TOW LAW STW CSO INLET | 06-D15 | Tow Law | 2040 - 2045 |
| SACRISTON SEWAGE TREATMENT WORKS | 07-D01 | Sacriston | 2045 - 2050 |
| CHARLAW TERRACE CSO | 07-D01 | Sacriston | No Improvement Required |
| CROSS LANE CSO CH8 | 07-D01 | Sacriston | No Improvement Required |
| PLAWSWORTH GATE CSO | 07-D02 | Nettlesworth | 2025 - 2030 |
| PLAWSWORTH CSO MH1 | 07-D02 | Nettlesworth | 2025 - 2030 |
| PLAWSWORTH SEWAGE TREATMENT WORKS | 07-D02 | Nettlesworth | 2035 - 2040 |
| KIMBLESWORTH CSO | 07-D02 | Nettlesworth | No Improvement Required |
| BEECHVILLE CSO | 07-D03 | Edmondsley | 2040 - 2045 |
| EDMONDSLEY STW | 07-D03 | Edmondsley | 2040 - 2045 |
| CONGBURN BANK CSO | 07-D03 | Edmondsley | No Improvement Required |
| PELAW BANK CSO CH57 | 07-D04 | Chester le Street | 2025 - 2030 |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|-----------------------------------|--------------------|--------------------|---|
| ASH MEADOWS CSO CHESTER LE STREET | 07-D04 | Chester le Street | 2025 - 2030 |
| BEVERLEY GARDENS CSO | 07-D04 | Chester le Street | 2025 - 2030 |
| PARK ROAD CSO | 07-D04 | Chester le Street | 2025 - 2030 |
| PELTON FELL ROAD 3 CSO CH14 | 07-D04 | Chester le Street | 2025 - 2030 |
| PELTON FELL ROAD CSO | 07-D04 | Chester le Street | 2025 - 2030 |
| CONE LANE (CHESTER NO 4) CSO | 07-D04 | Chester le Street | 2025 - 2030 |
| HOPGARTH GARDENS CSO | 07-D04 | Chester le Street | 2025 - 2030 |
| CHESTER LE STREET STW STORM TANK | 07-D04 | Chester le Street | 2025 - 2030 |
| SHIELDS ROAD CSO | 07-D04 | Chester le Street | 2025 - 2030 |
| LINDOM AVENUE CSO | 07-D04 | Chester le Street | 2030 - 2035 |
| PARK ROAD NORTH CSO | 07-D04 | Chester le Street | 2030 - 2035 |
| HOLMHILL FIELD CSO CH043 | 07-D04 | Chester le Street | 2035 - 2040 |
| GRANGE VILLA CSO | 07-D04 | Chester le Street | 2035 - 2040 |
| WALDRIDGE ROAD CSO CH 13 | 07-D04 | Chester le Street | No Improvement Required |
| FRONT STREET CSO CH68 | 07-D04 | Chester le Street | No Improvement Required |
| CHESTER LE STREET STW CSO Inlet | 07-D04 | Chester le Street | No Improvement Required |
| WARKWORTH DRIVE CSO | 07-D04 | Chester le Street | No Improvement Required |
| ROPERY LANE/EARDULPH AVE CSO | 07-D04 | Chester le Street | No Improvement Required |
| CHERRY BANKS CSO | 07-D04 | Chester le Street | No Improvement Required |
| TUART STREET CSO (NO1) | 07-D04 | Chester le Street | No Improvement Required |
| LUMLEY SEWAGE PUMPING STATION | 07-D07 | Great Lumley | 2040 - 2045 |
| SCORERS LANE CSO | 07-D07 | Great Lumley | 2040 - 2045 |
| FORMER CASTLE DENE SDW SSO | 07-D07 | Great Lumley | No Improvement Required |
| BACK LANE COMBINED SEWER OVERFLOW | 07-D07 | Great Lumley | No Improvement Required |
| PONT B CSO | 07-D08 | Leadgate North | 2045 - 2050 |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|--|--------------------|--------------------------|---|
| ST IVES ROAD CSO | 07-D08 | Leadgate North | No Improvement Required |
| PONT LANE A CSO | 07-D08 | Leadgate North | No Improvement Required |
| PONT BUNGALOWS | 07-D08 | Leadgate North | No Improvement Required |
| CROOKHALL STW CSO INLET | 07-D09 | Leadgate South | 2045 - 2050 |
| CROOKHALL STW Storm Tank | 07-D09 | Leadgate South | No Improvement Required |
| BUTSFIELD LANE CSO DER092 | 07-D10 | Delves | 2030 - 2035 |
| FELLSIDE CSO (DER 174) | 07-D10 | Delves | 2040 - 2045 |
| EAST OF KNITSLEY GRANGE FARM CSO | 07-D10 | Delves | 2040 - 2045 |
| KNITSLEY SEWAGE TREATMENT WORKS | 07-D10 | Delves | 2040 - 2045 |
| IVESTON LANE CSO | 07-D12 | Iveston East | No Improvement Required |
| SIXTH ST SSO | 07-D13 | Crookhall | 2045 - 2050 |
| 5 SOUTH STREET CSO, CROOKHALL | 07-D13 | Crookhall | No Improvement Required |
| SOUTH STREET STORM SEWAGE OVERFLOW SECOND STREET | 07-D13 | Crookhall | No Improvement Required |
| THE MIDDLES CSO | 07-D14 | South Stanley & Craghead | 2025 - 2030 |
| HUSTLEDOWN ROAD CSO | 07-D14 | South Stanley & Craghead | 2025 - 2030 |
| CSO ADJACENT 40 HOLLYHILL GARDENS | 07-D14 | South Stanley & Craghead | 2025 - 2030 |
| HOLYHILL GARDENS EAST CSO | 07-D14 | South Stanley & Craghead | 2025 - 2030 |
| NIGHTINGALE PLACE CSO | 07-D14 | South Stanley & Craghead | 2025 - 2030 |
| 50 WOODSIDE GARDENS CSO | 07-D14 | South Stanley & Craghead | 2025 - 2030 |
| KIMBERLEY GARDENS CSO (DER 82) | 07-D14 | South Stanley & Craghead | 2025 - 2030 |
| HUSTLEDOWN STW | 07-D14 | South Stanley & Craghead | 2025 - 2030 |
| FRONT STREET CSO | 07-D14 | South Stanley & Craghead | 2025 - 2030 |
| SOUTH MOOR MEMORIAL PARK SSO | 07-D14 | South Stanley & Craghead | 2030 - 2035 |
| DURHAM ROAD CSO | 07-D14 | South Stanley & Craghead | 2045 - 2050 |
| WILLIAM STREET CSO | 07-D14 | South Stanley & Craghead | 2045 - 2050 |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|--|--------------------|-------------------------------|---|
| SOUTH MOOR CSO CHARLES STREET DER066 - NWL name | 07-D14 | South Stanley & Craghead | No Improvement Required |
| EAST VIEW CSO | 07-D14 | South Stanley & Craghead | No Improvement Required |
| OLIVER STREET CSO | 07-D14 | South Stanley & Craghead | No Improvement Required |
| SOUTH MOOR ROAD FOOTBALL CLUB CSO | 07-D14 | South Stanley & Craghead | No Improvement Required |
| BURNHOPE P.S. CSO & CER | 07-D15 | Lanchester & Burnhope | 2025 - 2030 |
| CSO MANOR COURT | 07-D15 | Lanchester & Burnhope | 2025 - 2030 |
| LYNWOOD HOUSE CSO DER44 | 07-D15 | Lanchester & Burnhope | 2025 - 2030 |
| RAILWAY SREET CSO | 07-D15 | Lanchester & Burnhope | 2030 - 2035 |
| LANCHESTER STW | 07-D15 | Lanchester & Burnhope | 2045 - 2050 |
| MOUNT PLEASANT CSO (DER41) | 07-D15 | Lanchester & Burnhope | 2045 - 2050 |
| CRICKET GROUND HOLMSIDE LANE CSO | 07-D15 | Lanchester & Burnhope | No Improvement Required |
| FRONT STREET CSO | 07-D16 | Langley Park & Witton Gilbert | 2030 - 2035 |
| WITTON GILBERT STW | 07-D16 | Langley Park & Witton Gilbert | 2030 - 2035 |
| LANGLEY PARK SEWAGE PS FINNINGS AVENUE | 07-D16 | Langley Park & Witton Gilbert | 2040 - 2045 |
| OPPOSITE 16 FRONT STREET CSO | 07-D16 | Langley Park & Witton Gilbert | 2040 - 2045 |
| DENESIDE CSO | 07-D16 | Langley Park & Witton Gilbert | 2040 - 2045 |
| BACK ELM STREET CSO | 07-D16 | Langley Park & Witton Gilbert | No Improvement Required |
| FRONT STREET CSO | 07-D16 | Langley Park & Witton Gilbert | No Improvement Required |
| WITTON GILBERT STW | 07-D16 | Langley Park & Witton Gilbert | No Improvement Required |
| SATLEY STW | 07-D17 | Satley | 2045 - 2050 |
| MILLHOUSE FARM CSO | 07-D17 | Satley | No Improvement Required |
| HOLLINSIDE SEWAGE DISPOSAL WORKS | 07-D22 | Hollinside Hall | No Improvement Required |
| SOUTH FARM CSO | 07-D24 | Cornsay | No Improvement Required |
| ESH WINNING CSO POINT A2 STAGS HEAD Hamilton Row | 07-D25 | Esh Winning | 2035 - 2040 |
| ESH WINNING CSO POINT A2 STAGS HEAD | 07-D25 | Esh Winning | 2035 - 2040 |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|-------------------------------------|--------------------|----------------------|---|
| TOOL HIRE CSO | 07-D25 | Esh Winning | 2035 - 2040 |
| QUEBEC PUMPING STATION | 07-D25 | Esh Winning | 2035 - 2040 |
| ESH WINNING CSO POINT A2 | 07-D25 | Esh Winning | 2035 - 2040 |
| HIGH WATERHOUSE FARM (100M WEST OF) | 07-D25 | Esh Winning | 2035 - 2040 |
| ESH WINNING SPS | 07-D25 | Esh Winning | 2035 - 2040 |
| FAIR VIEW STORM SEWAGE OVERFLOW | 07-D25 | Esh Winning | 2035 - 2040 |
| REAR AGED MINERS HOMES CSO | 07-D25 | Esh Winning | No Improvement Required |
| ESH WINNING SEWAGE TREATMENT WORKS | 07-D25 | Esh Winning | No Improvement Required |
| CORNSAY COLLIERY STORM SEWAGE OVERF | 07-D25 | Esh Winning | No Improvement Required |
| ALDIN GRANGE CSO | 07-D26 | Bearpark | 2040 - 2045 |
| BEAR PARK (ALDIN GRANGE) STW | 07-D26 | Bearpark | 2040 - 2045 |
| SOUTH OF ROOKWOOD CSO NTY 003 | 07-D26 | Bearpark | No Improvement Required |
| FRONT STREET CSO | 07-D27 | Ushaw Moor & Brandon | 2030 - 2035 |
| TOLL HOUSE ROAD CSO | 07-D27 | Ushaw Moor & Brandon | 2030 - 2035 |
| BROWNEY LANE CSO | 07-D27 | Ushaw Moor & Brandon | 2030 - 2035 |
| SCOUT HOUSE FARM 1 CSO | 07-D27 | Ushaw Moor & Brandon | 2040 - 2045 |
| BROOM PARK OLD WORKS CSO | 07-D27 | Ushaw Moor & Brandon | 2040 - 2045 |
| SCOUT HOUSE FARM 2 CSO | 07-D27 | Ushaw Moor & Brandon | 2040 - 2045 |
| BLEACH GREEN FARM CSO | 07-D27 | Ushaw Moor & Brandon | 2040 - 2045 |
| GROVE TERRACE CSO DU005 | 07-D27 | Ushaw Moor & Brandon | 2040 - 2045 |
| STONEBRIDGE SEWAGE PUMPING STATION | 07-D27 | Ushaw Moor & Brandon | 2040 - 2045 |
| DURHAM SKILL CENTRE CSO DU008 | 07-D27 | Ushaw Moor & Brandon | 2040 - 2045 |
| BROWNEY STW | 07-D27 | Ushaw Moor & Brandon | 2040 - 2045 |
| WATERHOUSE CSO | 07-D27 | Ushaw Moor & Brandon | No Improvement Required |
| BRANDON VILLAGE SSO STOBBS HOUSE | 07-D27 | Ushaw Moor & Brandon | No Improvement Required |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|---|--------------------|----------------------|---|
| SNOWDONS FARM CSO | 07-D27 | Ushaw Moor & Brandon | No Improvement Required |
| GOATSBECK TERRACE CSO | 07-D27 | Ushaw Moor & Brandon | No Improvement Required |
| BRANCEPETH STW | 07-D29 | Brancepeth | 2045 - 2050 |
| BRANCEPETH CSO | 07-D29 | Brancepeth | No Improvement Required |
| RECTORY COTTAGE CSO | 07-D29 | Brancepeth | No Improvement Required |
| SUNDERLAND BRIDGE STW | 07-D30 | Sunderland Bridge | 2030 - 2035 |
| SUNDERLAND BRIDGE CSO | 07-D30 | Sunderland Bridge | 2030 - 2035 |
| CROSS STREET CSO | 07-D30 | Sunderland Bridge | No Improvement Required |
| WEST STREET CSO | 07-D30 | Sunderland Bridge | No Improvement Required |
| CORNFORTH PUMPING STATION | 07-D31 | Bowburn | 2040 - 2045 |
| Tursdale PS - NWL name | 07-D31 | Bowburn | 2040 - 2045 |
| EDNA STREET CSO | 07-D31 | Bowburn | 2040 - 2045 |
| BOWBURN BRIDGE PS | 07-D31 | Bowburn | 2040 - 2045 |
| BLACK HORSE CSO | 07-D31 | Bowburn | 2040 - 2045 |
| PARADISE FARM (WILLOW FARM) CSO | 07-D31 | Bowburn | 2040 - 2045 |
| BOWBURN STW (2002) CSO INLET | 07-D31 | Bowburn | 2040 - 2045 |
| PARK HILL CSO | 07-D31 | Bowburn | 2040 - 2045 |
| COXHOE CSO CORNFORTH LANE | 07-D31 | Bowburn | No Improvement Required |
| BOWBURN STW (2002) Storm Tank | 07-D31 | Bowburn | No Improvement Required |
| CASSOP STW | 07-D32 | Cassop | 2040 - 2045 |
| KELLOE SSO MANHOLE NO. 18 PLAYING FIELD | 07-D33 | Kelloe | 2045 - 2050 |
| KELLOE STW | 07-D33 | Kelloe | 2045 - 2050 |
| RAILWAY LINE CSO | 07-D33 | Kelloe | 2045 - 2050 |
| DAVEY LAMP PH CSO BURNETT CRESCENT | 07-D33 | Kelloe | 2045 - 2050 |
| WORKINGMEN'S CLUB CSO | 07-D33 | Kelloe | No Improvement Required |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|--|--------------------|----------------------------------|---|
| WEST RAINTON CSO DU085 STW MH21 | 07-D34 | West Rainton | 2025 - 2030 |
| WEST RAINTON CSO DU085 STW MH21 | 07-D34 | West Rainton | 2025 - 2030 |
| WEST RAINTON STW LEAMSIDE | 07-D34 | West Rainton | 2025 - 2030 |
| PITHOUSE LANE CSO (WEST RAINTON 5) | 07-D34 | West Rainton | 2025 - 2030 |
| FINCHALE VIEW | 07-D34 | West Rainton | 2025 - 2030 |
| LEAMSIDE CSO | 07-D34 | West Rainton | 2035 - 2040 |
| WEST RAINTON CSO DU085 STW MH21 | 07-D34 | West Rainton | No Improvement Required |
| BELMONT STW | 07-D35 | Carrville & Belmont & Shincliffe | 2025 - 2030 |
| SHINCLIFFE (A177) CSO | 07-D35 | Carrville & Belmont & Shincliffe | 2025 - 2030 |
| RENNYS LANE PUMPING STATION | 07-D35 | Carrville & Belmont & Shincliffe | 2045 - 2050 |
| SHINCLIFFE SSO MANHOLE NO. 2 | 07-D35 | Carrville & Belmont & Shincliffe | No Improvement Required |
| JUBILEE PLACE CSO | 07-D35 | Carrville & Belmont & Shincliffe | No Improvement Required |
| SHINCLIFFE NO 2 PS | 07-D35 | Carrville & Belmont & Shincliffe | No Improvement Required |
| DRAGON LANE CSO | 07-D35 | Carrville & Belmont & Shincliffe | No Improvement Required |
| DEVONSHIRE ROAD WEST CSO | 07-D35 | Carrville & Belmont & Shincliffe | No Improvement Required |
| DEVONSHIRE ROAD EAST CSO | 07-D35 | Carrville & Belmont & Shincliffe | No Improvement Required |
| FALLSWAY CSO (DU57) | 07-D35 | Carrville & Belmont & Shincliffe | No Improvement Required |
| HIGH ST CSO | 07-D35 | Carrville & Belmont & Shincliffe | No Improvement Required |
| LOW PITTINGTON PUMPING STATION | 07-D36 | Pittington | 2040 - 2045 |
| PITTINGTON STW | 07-D36 | Pittington | 2040 - 2045 |
| HIGH PITTINGTON CSOS, MHS 27,28&29 COALFORD LANE Church Vale 2 | 07-D36 | Pittington | No Improvement Required |
| HIGH PITTINGTON STW CSO CHURCH VALE 1 | 07-D36 | Pittington | No Improvement Required |
| HIGH PITTINGTON CSOS, MHS 27,28&29 COALFORD LANE | 07-D36 | Pittington | No Improvement Required |
| CHAPEL COURT DU068 | 07-D37 | Sherburn | 2030 - 2035 |
| LUDWORTH SSO MOOR CRESCENT | 07-D37 | Sherburn | 2030 - 2035 |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|--|--------------------|---------------------------|---|
| MILL LANE CSO | 07-D37 | Sherburn | 2030 - 2035 |
| SHERBURN SSO MANHOLE NO. 34 | 07-D37 | Sherburn | 2045 - 2050 |
| SHERBURN SEWAGE TREATMENT WORKS | 07-D37 | Sherburn | 2045 - 2050 |
| CHURCH VILLAS CSO | 07-D37 | Sherburn | 2045 - 2050 |
| STATION BANK (DU21) | 07-D37 | Sherburn | 2045 - 2050 |
| SHERBURN SSO MANHOLE NO. 33 Mill Lane | 07-D37 | Sherburn | 2045 - 2050 |
| LOCAL AVENUE | 07-D37 | Sherburn | No Improvement Required |
| SHERBURN SSO MANHOLE NO 32 | 07-D37 | Sherburn | No Improvement Required |
| PITY ME SEWAGE TREATMENT WORKS | 07-D39 | Pity Me | 2030 - 2035 |
| PITY ME ROUNDABOUT CSO | 07-D39 | Pity Me | 2030 - 2035 |
| ROWAN DRIVE CSO (DU 52) | 07-D40 | Newton Grange | No Improvement Required |
| LAUREL AVENUE CSO | 07-D41 | Durham City & Newton Hall | 2025 - 2030 |
| PELAW WOOD SEWER, NO 1 BATHS BRIDGE | 07-D41 | Durham City & Newton Hall | 2025 - 2030 |
| SANDS SYPHON SSO | 07-D41 | Durham City & Newton Hall | 2025 - 2030 |
| BARKERS HAUGH CSO NO. 10 Orchard Drive | 07-D41 | Durham City & Newton Hall | 2025 - 2030 |
| ELVET SYPHON CSO | 07-D41 | Durham City & Newton Hall | 2025 - 2030 |
| MILLBURNGATE CSO | 07-D41 | Durham City & Newton Hall | 2025 - 2030 |
| FRANKLAND LANE CSO | 07-D41 | Durham City & Newton Hall | 2025 - 2030 |
| HIGH CARR ROAD CSO | 07-D41 | Durham City & Newton Hall | 2025 - 2030 |
| BARKERS HAUGH STW | 07-D41 | Durham City & Newton Hall | 2025 - 2030 |
| BARKERS HAUGH NO 8 CSO Freemans Place | 07-D41 | Durham City & Newton Hall | 2030 - 2035 |
| CANTEBURY ROAD CSO | 07-D41 | Durham City & Newton Hall | 2030 - 2035 |
| WALKERGATE DURHAM CSO | 07-D41 | Durham City & Newton Hall | 2030 - 2035 |
| WADDINGTON STREET CSO | 07-D41 | Durham City & Newton Hall | 2035 - 2040 |
| AINSLEY STREET CSO | 07-D41 | Durham City & Newton Hall | 2035 - 2040 |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|--|--------------------|---------------------------|---|
| CATHEDRAL BANKS CSO | 07-D41 | Durham City & Newton Hall | No Improvement Required |
| ATHERTON STREET CSO | 07-D41 | Durham City & Newton Hall | No Improvement Required |
| CHURCH STREET DU026 | 07-D41 | Durham City & Newton Hall | No Improvement Required |
| BARCLAYS A CSO ELVET | 07-D41 | Durham City & Newton Hall | No Improvement Required |
| CATHEDRAL BANKS CSO Barkers Haugh CSO3 Court Lane West | 07-D41 | Durham City & Newton Hall | No Improvement Required |
| BARKERS HAUGH NO 5 CSO Prebends Bridge | 07-D41 | Durham City & Newton Hall | No Improvement Required |
| PELAW WOOD ST. GILES CLOSE CSO | 07-D41 | Durham City & Newton Hall | No Improvement Required |
| STOCKTON RD & QUARRY HEADS LN CSOS | 07-D41 | Durham City & Newton Hall | No Improvement Required |
| SALISBURY PS | 07-D41 | Durham City & Newton Hall | No Improvement Required |
| DURHAM UNIVERSITY STW Storm Tank | 07-D42 | Elvet Hill | 2030 - 2035 |
| DURHAM UNIVERSITY STW CSO INLET | 07-D42 | Elvet Hill | 2030 - 2035 |
| MAYFIELD CSO | 07-D44 | Spennymoor | 2025 - 2030 |
| BURTON BECK CSO | 07-D44 | Spennymoor | 2025 - 2030 |
| COW PLANTATION CSO | 07-D44 | Spennymoor | 2025 - 2030 |
| TUDHOE MILL SEWAGE TREATMENT WORKS CSO INLET | 07-D44 | Spennymoor | 2025 - 2030 |
| TUDHOE MILL SEWAGE TREATMENT WORKS CSO INLET | 07-D44 | Spennymoor | 2025 - 2030 |
| NICKY NACK PUMPING STATION | 07-D44 | Spennymoor | 2045 - 2050 |
| 20 PEARSON STREET CSO SE 009 | 07-D44 | Spennymoor | No Improvement Required |
| ATTWOOD TERRACE CSO SE008 | 07-D44 | Spennymoor | No Improvement Required |
| YORK HILL CSO | 07-D44 | Spennymoor | No Improvement Required |
| WEST CORNFORTH SPS | 07-D45 | Cornforth | 2035 - 2040 |
| MAUGHAN CLOSE CSO SE39 | 07-D45 | Cornforth | No Improvement Required |
| EAST HOWLE STW | 07-D46 | East Howle | No Improvement Required |
| WEAR VIEW B CSO | 07-D47 | Byers Green | 2040 - 2045 |
| BYERS GREEN PUMPING STATION | 07-D47 | Byers Green | 2040 - 2045 |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|---|--------------------|--------------------------|---|
| WEAR VIEW A CSO SE001 | 07-D47 | Byers Green | 2040 - 2045 |
| HALL FARM CSO (SE037) | 07-D47 | Byers Green | No Improvement Required |
| METAL BRIDGE SPS AND CSO | 07-D49 | Metal Bridge | No Improvement Required |
| BLACKBURN BRIDGE CSO (TE 015) | 07-D51 | Cockfield & Esperley | 2035 - 2040 |
| COCKFIELD STW | 07-D51 | Cockfield & Esperley | 2035 - 2040 |
| FALLOWS CSO | 07-D51 | Cockfield & Esperley | No Improvement Required |
| COCKFIELD FELL NO2 CSO | 07-D51 | Cockfield & Esperley | No Improvement Required |
| SOUTH OF COCKFIELD STW CSO TE63 | 07-D51 | Cockfield & Esperley | No Improvement Required |
| MOSTYN TERRACE CSO | 07-D51 | Cockfield & Esperley | No Improvement Required |
| LYNESACK AND SOFTLEY CSO (TE 011) | 07-D52 | Butterknowle | 2035 - 2040 |
| THE SLACK | 07-D52 | Butterknowle | 2035 - 2040 |
| BUTTERKNOWLE CSO 2 | 07-D52 | Butterknowle | 2035 - 2040 |
| BUTTERKNOWLE SEWAGE TREATMENT WORKS | 07-D52 | Butterknowle | 2035 - 2040 |
| QUARRY LANE SSO | 07-D52 | Butterknowle | 2035 - 2040 |
| THE SLACK CSO (TE 010) | 07-D52 | Butterknowle | No Improvement Required |
| COCKFIELD P.S. & LANDS FARM CSO | 07-D53 | High Lands | No Improvement Required |
| RAMSHAW PS | 07-D54 | North Evenwood & Ramshaw | 2040 - 2045 |
| RAMSHAW SEWAGE TREATMENT WORKS | 07-D54 | North Evenwood & Ramshaw | 2040 - 2045 |
| RAMSHAW SEWAGE TREATMENT WORKS Storm Tank | 07-D54 | North Evenwood & Ramshaw | 2040 - 2045 |
| EVENWOOD LANE CSO | 07-D55 | South Evenwood | 2045 - 2050 |
| NEW MOORS SEWAGE TREATMENT WORKS | 07-D55 | South Evenwood | 2045 - 2050 |
| CATTLE MARKET B SSO | 07-D57 | Bishop Auckland | 2025 - 2030 |
| RIVERSIDE CSO | 07-D57 | Bishop Auckland | 2025 - 2030 |
| ETHERLEY LANE CSO | 07-D57 | Bishop Auckland | 2025 - 2030 |
| ESCOMB SPS | 07-D57 | Bishop Auckland | 2025 - 2030 |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|--------------------------------------|--------------------|--------------------|---|
| DELLWOOD PUMPED STORAGE TANK CSO | 07-D57 | Bishop Auckland | 2025 - 2030 |
| WEAR CHARE CSO | 07-D57 | Bishop Auckland | 2025 - 2030 |
| VINOVIUM STW | 07-D57 | Bishop Auckland | 2030 - 2035 |
| OAKLEY GREEN CSO | 07-D57 | Bishop Auckland | 2045 - 2050 |
| FIELDON BRIDGE CSO | 07-D57 | Bishop Auckland | 2045 - 2050 |
| VINOVIUM CSO A27 | 07-D57 | Bishop Auckland | 2045 - 2050 |
| CAROLINE STREET CSO | 07-D57 | Bishop Auckland | 2045 - 2050 |
| DENE HALL DRIVE CSO | 07-D57 | Bishop Auckland | 2045 - 2050 |
| VINOVIUM SSOS A17, A18, A19 & A21 | 07-D57 | Bishop Auckland | 2045 - 2050 |
| CUMBERLAND STREET SSO | 07-D57 | Bishop Auckland | 2045 - 2050 |
| VINOVIUM SSO NO A23 ATHERTON TERRACE | 07-D57 | Bishop Auckland | 2045 - 2050 |
| ETHERLEY LANE (NO.100) CSO | 07-D57 | Bishop Auckland | 2045 - 2050 |
| CHAPEL STREET CSO BARRINGTON STREET | 07-D57 | Bishop Auckland | 2045 - 2050 |
| VINOVIUM SSO NO A13 | 07-D57 | Bishop Auckland | 2045 - 2050 |
| LEASINGTHORPE FARM CSO | 07-D57 | Bishop Auckland | 2045 - 2050 |
| PARK HEAD STORAGE TANK CSO | 07-D57 | Bishop Auckland | 2045 - 2050 |
| TOFT HILL EJECTOR CSO | 07-D57 | Bishop Auckland | 2045 - 2050 |
| TOAD POOL CSO TE351 | 07-D57 | Bishop Auckland | 2045 - 2050 |
| WADES FARM CSO WV 010 | 07-D57 | Bishop Auckland | 2045 - 2050 |
| LEASINGTHORNE SPS CSO | 07-D57 | Bishop Auckland | 2045 - 2050 |
| SOUTH ROAD LOWER CSO | 07-D57 | Bishop Auckland | No Improvement Required |
| SOUTH ROAD UPPER CSO | 07-D57 | Bishop Auckland | No Improvement Required |
| COPELAND ESTATE OFF SITE SEWER | 07-D57 | Bishop Auckland | No Improvement Required |
| CLOSE HOUSE STORM SEWAGE OVERFLOW | 07-D57 | Bishop Auckland | No Improvement Required |
| VINOVIUM CSO NO A22 | 07-D57 | Bishop Auckland | No Improvement Required |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|--|--------------------|----------------------|---|
| SOUTH CHURCH CSO | 07-D57 | Bishop Auckland | No Improvement Required |
| ETHERLEY LANE (NO.87) CSO | 07-D57 | Bishop Auckland | No Improvement Required |
| CHAPEL STREET CSO | 07-D57 | Bishop Auckland | No Improvement Required |
| GOMER TCE SSO | 07-D57 | Bishop Auckland | No Improvement Required |
| VINOVIUM CSO NO A9 | 07-D57 | Bishop Auckland | No Improvement Required |
| GIB CHARE HOUSING DEVELOPMENT VINOVIUM NOA14 | 07-D57 | Bishop Auckland | No Improvement Required |
| RUTLAND STREET/LEEHOPE ROAD CSO | 07-D57 | Bishop Auckland | No Improvement Required |
| BINCHESTER PLANTATION CSO | 07-D57 | Bishop Auckland | No Improvement Required |
| BELL BURN WOOD CSO WV042 | 07-D57 | Bishop Auckland | No Improvement Required |
| VINOVIUM SSO NO A32 RIVER WALK WV 12 | 07-D57 | Bishop Auckland | No Improvement Required |
| WOODHOUSE LANE LIBRARY CSO | 07-D57 | Bishop Auckland | No Improvement Required |
| NEWFIELD STW | 07-D58 | Newfield | 2035 - 2040 |
| NEWFIELD FARM CSO (NEW FIELD CSO 1) | 07-D58 | Newfield | No Improvement Required |
| CSO WV80 DISUSED STW HUNWICK | 07-D59 | Willington & Hunwick | 2025 - 2030 |
| SUNNYBROW SEWAGE PUMPING STATION | 07-D59 | Willington & Hunwick | 2025 - 2030 |
| BURNISTON DRIVE PS | 07-D59 | Willington & Hunwick | No Improvement Required |
| LOW WILLINGTON PARK CSO | 07-D59 | Willington & Hunwick | 2025 - 2030 |
| RUSSEL PLACE CSO | 07-D59 | Willington & Hunwick | 2035 - 2040 |
| WILLINGTON SYSTEM CSO | 07-D59 | Willington & Hunwick | 2035 - 2040 |
| CSO WV79 ROUGH LEA LANE | 07-D59 | Willington & Hunwick | 2035 - 2040 |
| GARDNER AVENUE CSO | 07-D59 | Willington & Hunwick | 2035 - 2040 |
| OAKENSHAW CSO | 07-D59 | Willington & Hunwick | No Improvement Required |
| WILLINGTON STW | 07-D59 | Willington & Hunwick | No Improvement Required |
| HUNWICK LANE CSO | 07-D59 | Willington & Hunwick | No Improvement Required |
| CHAPEL STREET CSO | 07-D59 | Willington & Hunwick | No Improvement Required |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|-------------------------------|--------------------|--------------------|---|
| 66 ROSS LEA CSO | 07-D60 | Herrington | 2025 - 2030 |
| WESTBOURNE DRIVE CSO | 07-D60 | Herrington | 2025 - 2030 |
| SHINEY ROW FOOTBRIDGE CSO | 07-D60 | Herrington | 2025 - 2030 |
| HOUGHTON LE SPRING CSO | 07-D60 | Herrington | 2030 - 2035 |
| WEST PARK ESTATE CSO | 07-D60 | Herrington | No Improvement Required |
| BOURN LEA CSO CH087 | 07-D60 | Herrington | No Improvement Required |
| GOLF COURSE ROAD CSO | 07-D60 | Herrington | No Improvement Required |
| WARDEN GROVE SSO | 07-D61 | Houghton/Hetton | 2030 - 2035 |
| HETTON ROAD CSO SU33 | 07-D61 | Houghton/Hetton | 2030 - 2035 |
| STANHOPE CLOSE CSO SU 26 | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| A690 SLIP ROAD CSO, SU27 | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| SEDGELETCHE STW Storm Tank | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| HETTON PARK BOWLING GREEN CSO | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| HETTON-LE-HOLE SSO NO. 3 | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| GILLAS LANE WEST CSO (SU30) | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| CHURCH STREET NO26 CSO | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| BRINKBURN CRESCENT CSO (SU28) | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| SEAHAM ROAD CSO SU35 | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| OTTERBURN CRESCENT CSO | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| FLOATERS MILL PS CSO | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| AVENUE VIVIAN CSO SU013 | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| OSMAN TERRACE CSO | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| SEDGELETCHE BRIDGE CSO | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| SEDGELETCHE STW CSO INLET | 07-D61 | Houghton/Hetton | 2045 - 2050 |
| BOURNMOOR SPS | 07-D61 | Houghton/Hetton | No Improvement Required |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|--|--------------------|--------------------|---|
| GILLAS LANE EAST CSO (SU32) | 07-D61 | Houghton/Hetton | No Improvement Required |
| ROSE CRESCENT CSO | 07-D61 | Houghton/Hetton | No Improvement Required |
| ELEMORE VALE SPS | 07-D61 | Houghton/Hetton | No Improvement Required |
| HETTON-LE-HOLE SSO NO. 1 | 07-D61 | Houghton/Hetton | No Improvement Required |
| BRINKBURN SSO | 07-D61 | Houghton/Hetton | No Improvement Required |
| REAR ST MICHAELS CSO | 07-D61 | Houghton/Hetton | No Improvement Required |
| DAIRY LANE CSO SU024 | 07-D61 | Houghton/Hetton | No Improvement Required |
| BURNSIDE AVENUE CSO | 07-D61 | Houghton/Hetton | No Improvement Required |
| JOYCE TERRACE AND DEERNESS VIEW STW | 07-D63 | Deerness View | No Improvement Required |
| Heugh Hall Row STW NWL name | 07-D65 | Heugh Hall | No Improvement Required |
| CEMETERY RD SSO | 08-D03 | Easington | 2040 - 2045 |
| THROSTLES NEST STORAGE TANK | 08-D03 | Easington | 2040 - 2045 |
| Allotment Gardens, Shotton Colliery - NWL name | 08-D03 | Easington | 2040 - 2045 |
| HORDEN DENE SSO NO 1 OAK ROAD | 08-D03 | Easington | 2040 - 2045 |
| SUNDERLAND ROAD CSO | 08-D03 | Easington | 2040 - 2045 |
| BELFORD STREET CSO | 08-D03 | Easington | 2040 - 2045 |
| BLACKHILLS FARM CSO | 08-D03 | Easington | 2040 - 2045 |
| PATTON STREET STORAGE TANK | 08-D03 | Easington | 2040 - 2045 |
| THROSTLES NEST PUMPING STATION | 08-D03 | Easington | 2040 - 2045 |
| PARADISE FARM CSO | 08-D03 | Easington | 2040 - 2045 |
| EASINGTON OUTFALL HORDEN DENE SPS | 08-D03 | Easington | 2040 - 2045 |
| STATION ROAD CSO | 08-D03 | Easington | 2040 - 2045 |
| REAR OF THIRD STREET CSO | 08-D03 | Easington | 2040 - 2045 |
| HORDEN STW | 08-D03 | Easington | 2040 - 2045 |
| WARREN HOUSE SEA OUTFALL HIGH RELIEF | 08-D03 | Easington | No Improvement Required |

| Storm Overflow Site Name | Drainage Area Code | Drainage Area Name | Storm Overflow Spill Frequency Reduction Scheme - Delivery Period |
|--|--------------------|--------------------|---|
| COOPERS CLOSE CSO | 08-D03 | Easington | No Improvement Required |
| HORDEN BURN CSO NO.3 | 08-D03 | Easington | No Improvement Required |
| COTSFORD JUNIOR SCHOOL CSO | 08-D03 | Easington | No Improvement Required |
| SOUTH EAST VIEW CSO | 08-D03 | Easington | No Improvement Required |
| TILERY FARM STRAGE TANK CSO | 08-D05 | Peterlee | 2025 - 2030 |
| BLUEHOUSE GILL CSO | 08-D05 | Peterlee | 2025 - 2030 |
| WEST WOODBURN CSO | 08-D05 | Peterlee | 2035 - 2040 |
| WELLFIELD PS | 08-D05 | Peterlee | 2035 - 2040 |
| DENE HOLME OUTFALL TIDAL TANK | 08-D05 | Peterlee | No Improvement Required |
| DENE HOLME SEWAGE PUMPING STATION TIDAL TANK | 08-D05 | Peterlee | No Improvement Required |
| WINGATE CSO NO 1 | 08-D05 | Peterlee | No Improvement Required |
| WOODLAND VIEW CSO | 08-D05 | Peterlee | No Improvement Required |
| EAST TERRACE CSO | 08-D05 | Peterlee | No Improvement Required |
| SHERATON CSO 50M SW OF STW | 11-D07 | Sheraton | No Improvement Required |

Wastewater Treatment Works Compliance

Analyses have been completed to determine the interventions that are likely to be required to ensure all wastewater treatment works (WwTW) are operating in compliance with the permits for dry weather flow (DWF) treatment and treated effluent discharge quality.

The following table summarises the number of WwTWs within the Wear Level 2 SPA that have been included in the DWMP for DWF permit compliance and treated effluent discharge quality permit compliance (phosphorous (P), biological oxygen demand (BOD) and ammonia (Amm) indicators).

| WwTW Name | Intervention(s) Required |
|----------------------------------|---|
| Aldin Grange Nth (Bearpark) WwTW | Aldin Grange Nth (Bearpark) WwTW has been identified as requiring a dry weather flow compliance upgrade between 2025 and 2030. |
| Belmont WwTW | Belmont WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Ammonia between 2025 and 2030. |
| Bishop Auckland (Vinovium) WwTW | Bishop Auckland (Vinovium) WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Phosphorous and Ammonia between 2025 and 2030. |
| Bowburn WwTW | Bowburn WwTW is being investigated/upgraded currently for dry weather flow compliance. |
| Brancepeth WwTW | Brancepeth WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Phosphorous between 2025 and 2030. |
| Brasside WwTW | Brasside WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Phosphorous between 2025 and 2030 and Ammonia between 2040 and 2045. |
| Brownney WwTW | Brownney WwTW has been identified as requiring a dry weather flow compliance upgrade between 2025 and 2030. |
| Butterknowle WwTW | Butterknowle WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Biological Oxygen Demand and Ammonia between 2025 and 2030. |
| Cassop WwTW | Cassop WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Biological Oxygen Demand between 2040 and 2045. |
| Chester Le Street WwTW | Chester Le Street WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Ammonia between 2030 and 2035. |
| Cockfield WwTW | Cockfield WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Biological Oxygen Demand and Ammonia between 2025 and 2030. |
| Crookhall WwTW | Crookhall WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Ammonia between 2025 and 2030. |
| Esh Winning WwTW | Esh Winning WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Biological Oxygen Demand and Ammonia between 2030 and 2035. |
| Fir Tree WwTW | Fir Tree WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Ammonia between 2030 and 2035. |
| Hamsterley WwTW | Hamsterley WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Phosphorous between 2025 and 2030. |
| Hustledown WwTW | Hustledown WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Phosphorous, Biological Oxygen Demand and Ammonia between 2025 and 2030. |

| WwTW Name | Intervention(s) Required |
|--------------------|--|
| Knitsley WwTW | Knitsley WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Biological Oxygen Demand between 2025 and 2030. |
| Low Wadsworth WwTW | Low Wadsworth WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Phosphorous and Ammonia between 2025 and 2030. |
| Pity Me WwTW | Pity Me WwTW has been identified as requiring a dry weather flow compliance upgrade between 2025 and 2030. |
| Ramshaw WwTW | Ramshaw WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Biological Oxygen Demand and Ammonia between 2025 and 2030. |
| Tow Law WwTW | Tow Law WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Phosphorous between 2025 and 2030. |
| Tudhoe Mill WwTW | Tudhoe Mill WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Ammonia between 2030 and 2040. |
| University WwTW | University WwTW has been identified as requiring an investigation for discharge quality compliance has been identified for Phosphorous between 2025 and 2030. |
| Willington WwTW | Willington WwTW has been identified as requiring a dry weather flow compliance upgrade between 2055 and 2060. An investigation for discharge quality compliance has been identified for Phosphorous between 2025 and 2030 and Ammonia between 2030 and 2035. |

Long-Term Delivery Strategy for Flooding

The National Infrastructure Commission’s report ‘Reducing the risk of surface water flooding’¹ highlighted the importance of a national approach to tackle flooding, and the costs and challenges of eliminating sewer flooding. Given this, and the greater insight we have gained from developing the DWMP, the ambition for flooding and pollution risk has been adjusted to what is considered a stretching but achievable level that would be economically beneficial to deliver.

Our Long-Term Delivery Strategy identifies a target of reducing sewer flooding by 60% from our 2025 position. To achieve this, we will plan to reduce hydraulic flood risk regionally in the period between 2030 and 2050 by a total of:

- 17,999 internal flood risk properties
- 216,074 external flood risk properties

This approach deals with the impact of climate change, growth and urban creep.

The following table summarises the level of risk within the Wear L2 SPA against the flooding and pollution planning objectives.

¹ <https://nic.org.uk/studies-reports/reducing-the-risks-of-surface-water-flooding/surface-water-flooding-final-report/>

| Planning Objective | Measure | Count | | | | |
|---------------------------------------|---|--------|--------|--------|--------|--------|
| | | 2020 | 2025 | 2030 | 2045 | 2060 |
| PO1 – Internal Flood Risk | Count of properties at risk of flooding internally during a 1 in 20 year return period rainfall event | 2,673 | 2,691 | 2,756 | 4,065 | 4,380 |
| PO2 – External Flood Risk | Count of properties at risk of flooding externally during a 1 in 20 year return period rainfall event | 38,699 | 38,890 | 39,007 | 48,909 | 51,278 |
| PO3 – 1 in 50 Year Population at Risk | Population at risk of flooding during a 1 in 50 year return period rainfall event | 58,575 | 59,081 | 59,747 | 76,302 | 80,046 |
| PO6 – Pollution | Count of manholes near watercourses at risk of flooding during a 1 in 5 year return period rainfall event | 458 | 463 | 469 | 593 | 614 |

Water Industry National Environment Programme (WINEP)

The Water Industry National Environment Programme (WINEP) is the programme of actions water companies need to take to meet statutory environmental obligations, non-statutory environmental requirements or delivery against a water company’s statutory functions.

Statutory obligations (S) arise from legislative requirements and the need to comply with obligations imposed directly by statute or by permits, licences and authorisations granted by the Secretary of State, the Environment Agency or other body of competent jurisdiction. Other statutory obligations include ministerial directions and meeting specific planning requirements. While it is important to understand the costs and benefits of actions needed, water companies must complete WINEP actions to fulfil statutory obligations.

Further information can be found at [Water industry national environment programme \(WINEP\) methodology - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/consultations/water-industry-national-environment-programme-winep-methodology).

PLANNING OBJECTIVE ASSESSMENT

Planning Objective Risk Scoring

The DWMP planning objectives have been assessed in line with the common scoring approach followed by all water companies.

Risk scores have been calculated at drainage area level, following the approach outlined below. Further detail on how the scores have been calculated for each of the planning objectives is within the Problem Characterisation methodology.

| Risk Score | Description |
|------------|---|
| 0 | Low Risk – Levels of planning objective risk within the drainage area are in the bottom quartile and/or there are no assets identified as higher priority requiring interventions throughout the planning periods. |
| 1 | Medium Risk – Levels of planning objective risk within the drainage area are in the middle two quartiles and/or there are assets identified as lower priority requiring interventions throughout the planning periods. |
| 2 | High Risk – Levels of planning objective risk within the drainage area are in the top quartile and/or there are assets identified as higher priority requiring interventions throughout the planning periods. |

| Drainage Area | | PO1 – Internal Flood Risk | | | PO2 – External Flood Risk | | | PO3 – 1 in 50 Year Population at Risk | | | PO4 – Bathing Water | | | PO5 – River Water | | | PO6 - Pollution | | | PO8 – WwTW DWF Compliance | | |
|---------------|----------------------------|---------------------------|------|------|---------------------------|------|------|---------------------------------------|------|------|---------------------|------|------|-------------------|------|------|-----------------|------|------|---------------------------|------|------|
| | | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 |
| 06-D01 | Hamsterley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D02 | Fir Tree | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D04 | Low Etherley | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 06-D05 | Crook | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 06-D06 | St Johns Chapel & Westgate | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 0 | 0 | 0 |
| 06-D07 | Rookhope | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 0 | 0 | 0 |
| 06-D08 | Eastgate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D09 | Stanhope & Crawleyside | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 06-D10 | Frosterley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D11 | Hill End & Bridge End | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D12 | White Kirkley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D13 | Wolsingham | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 0 |
| 06-D14 | Thornley | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |
| 06-D15 | Tow Law | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D16 | Brotherlee | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D17 | Railway Terrace | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D18 | Low Bishopley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D19 | Wear Valley Junction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D20 | Tunstall | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D01 | Sacriston | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D02 | Nettlesworth | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D03 | Edmondsley | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D04 | Chester le Street | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |

| Drainage Area | | PO1 – Internal Flood Risk | | | PO2 – External Flood Risk | | | PO3 – 1 in 50 Year Population at Risk | | | PO4 – Bathing Water | | | PO5 – River Water | | | PO6 - Pollution | | | PO8 – WwTW DWF Compliance | | |
|---------------|-------------------------------|---------------------------|------|------|---------------------------|------|------|---------------------------------------|------|------|---------------------|------|------|-------------------|------|------|-----------------|------|------|---------------------------|------|------|
| | | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 |
| 07-D05 | The Moorings | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D06 | Waldrige Drift | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D07 | Great Lumley | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D08 | Leadgate North | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D09 | Leadgate South | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D10 | Delves | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D11 | Iveston West | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D12 | Iveston East | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D13 | Crookhall | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D14 | South Stanley & Craghead | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D15 | Lanchester & Burnhope | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D16 | Langley Park & Witton Gilbert | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D17 | Satley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D18 | Holmside | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D19 | Peartree Cottages | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D20 | East Hedleyhope | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D21 | Hedleyhope Colliery | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D22 | Hollinside Hall | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D23 | Hurbuck Cottages | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D24 | Cornsay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D25 | Esh Winning | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 0 |
| 07-D26 | Bearpark | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 |
| 07-D27 | Ushaw Moor & Brandon | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 2 | 2 |
| 07-D28 | Lower Brancepeth | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Drainage Area | | PO1 – Internal Flood Risk | | | PO2 – External Flood Risk | | | PO3 – 1 in 50 Year Population at Risk | | | PO4 – Bathing Water | | | PO5 – River Water | | | PO6 - Pollution | | | PO8 – WwTW DWF Compliance | | |
|---------------|----------------------------------|---------------------------|------|------|---------------------------|------|------|---------------------------------------|------|------|---------------------|------|------|-------------------|------|------|-----------------|------|------|---------------------------|------|------|
| | | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 |
| 07-D29 | Brancepeth | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D30 | Sunderland Bridge | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D31 | Bowburn | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 |
| 07-D32 | Cassop | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D33 | Kelloe | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D34 | West Rainton | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 |
| 07-D35 | Carrville & Belmont & Shincliffe | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D36 | Pittington | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D37 | Sherburn | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D38 | Sherburn Hospital | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D39 | Pity Me | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 2 |
| 07-D40 | Newton Grange | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D41 | Durham City & Newton Hall | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D42 | Elvet Hill | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D43 | Tursdale Aged Miners Homes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D44 | Spennymoor | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 |
| 07-D45 | Cornforth | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D46 | East Howle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D47 | Byers Green | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 07-D48 | Old Park Terrace | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D49 | Metal Bridge | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D51 | Cockfield & Esperley | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D52 | Butterknowle | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 0 |
| 07-D53 | High Lands | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |

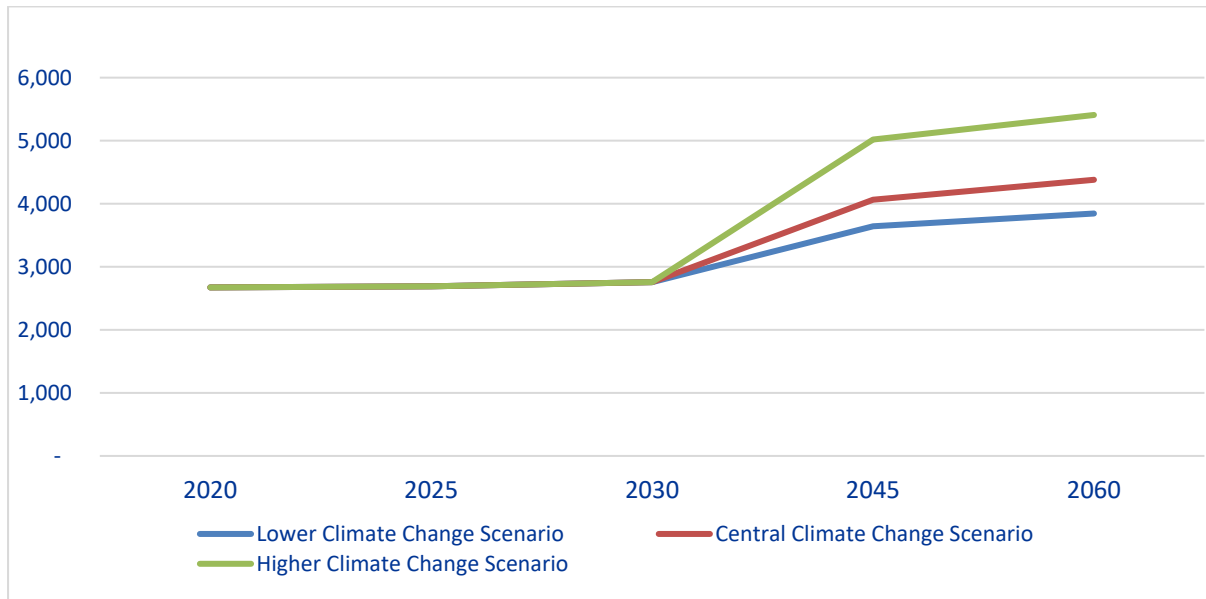
| Drainage Area | | PO1 – Internal Flood Risk | | | PO2 – External Flood Risk | | | PO3 – 1 in 50 Year Population at Risk | | | PO4 – Bathing Water | | | PO5 – River Water | | | PO6 - Pollution | | | PO8 – WwTW DWF Compliance | | |
|---------------|--------------------------|---------------------------|------|------|---------------------------|------|------|---------------------------------------|------|------|---------------------|------|------|-------------------|------|------|-----------------|------|------|---------------------------|------|------|
| | | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 |
| 07-D54 | North Evenwood & Ramshaw | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 0 |
| 07-D55 | South Evenwood | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D56 | Bildershaw | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D57 | Bishop Auckland | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D58 | Newfield | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D59 | Willington & Hunwick | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 2 |
| 07-D60 | Herrington | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D61 | Houghton/Hetton | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D62 | Cockfield Station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D63 | Deerness View | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D64 | Bearpark Hall | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D65 | Heugh Hall | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D66 | Malton | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D67 | Hedley Hill Colliery | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D68 | Greenfields | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D69 | Windmill | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D70 | Bowes Hill | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08-D03 | Easington | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 |
| 08-D05 | Peterlee | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 11-D07 | Sheraton | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |

Climate Change Sensitivity

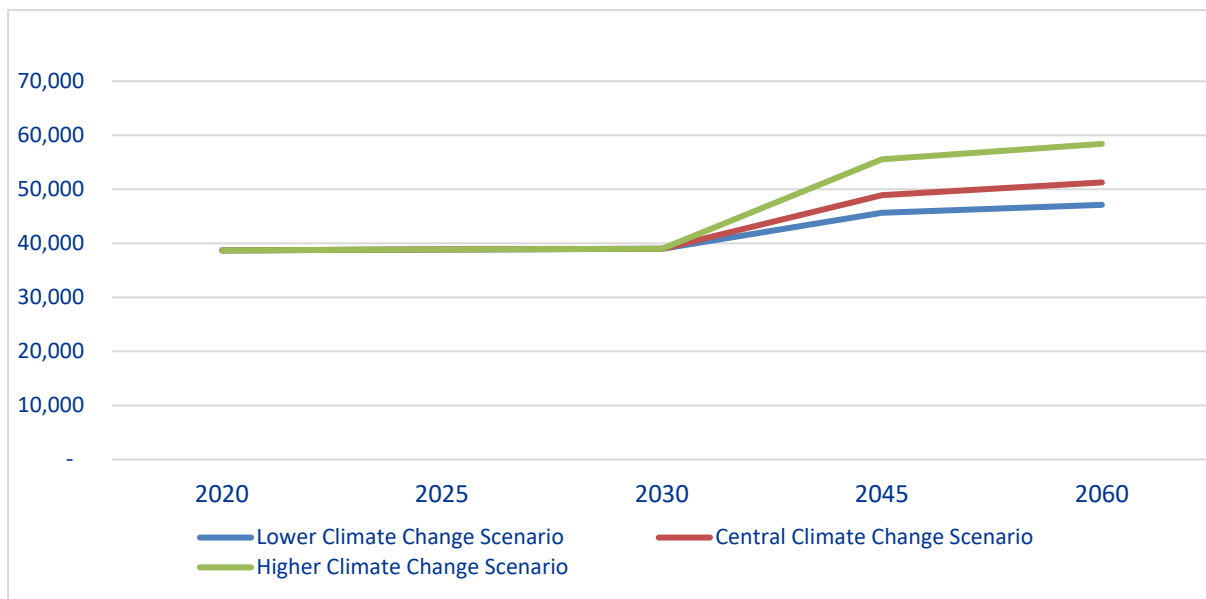
As outlined in the BRAVA methodology, two additional climate scenarios were analysed to evaluate the impact on the planning objectives of Lower Emissions and Higher Emissions climate scenarios.

The following graphics outline the impact on the planning objective risk numbers for the flooding and pollution planning objectives within the Wear Level 2 SPA in the different climate scenarios that have been modelled.

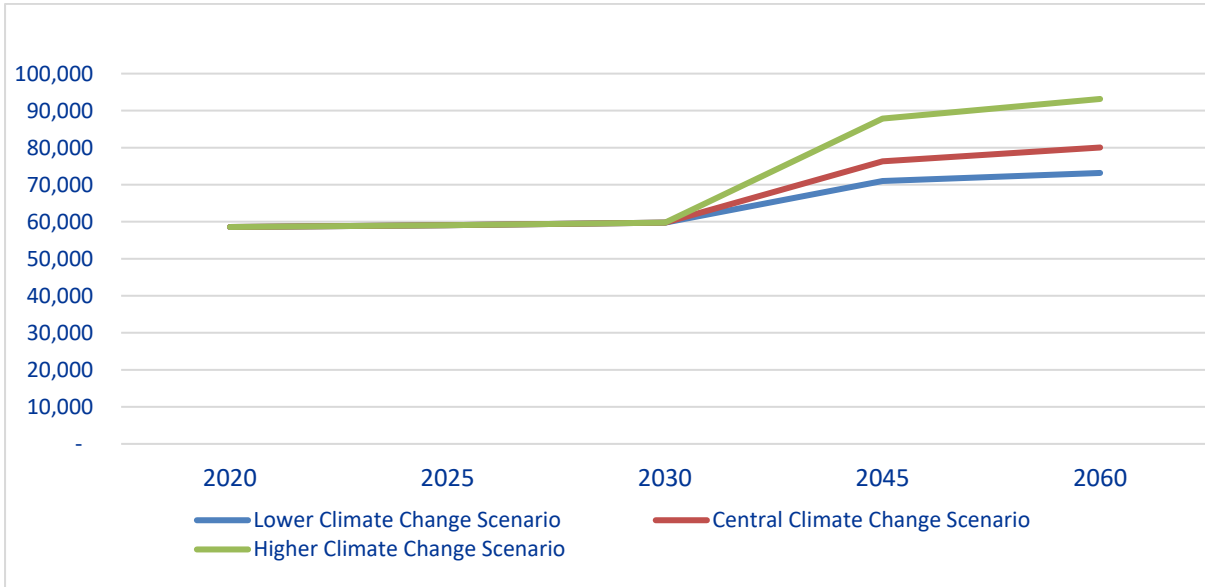
PO1 – Internal Flood Risk – Wear L2 SPA



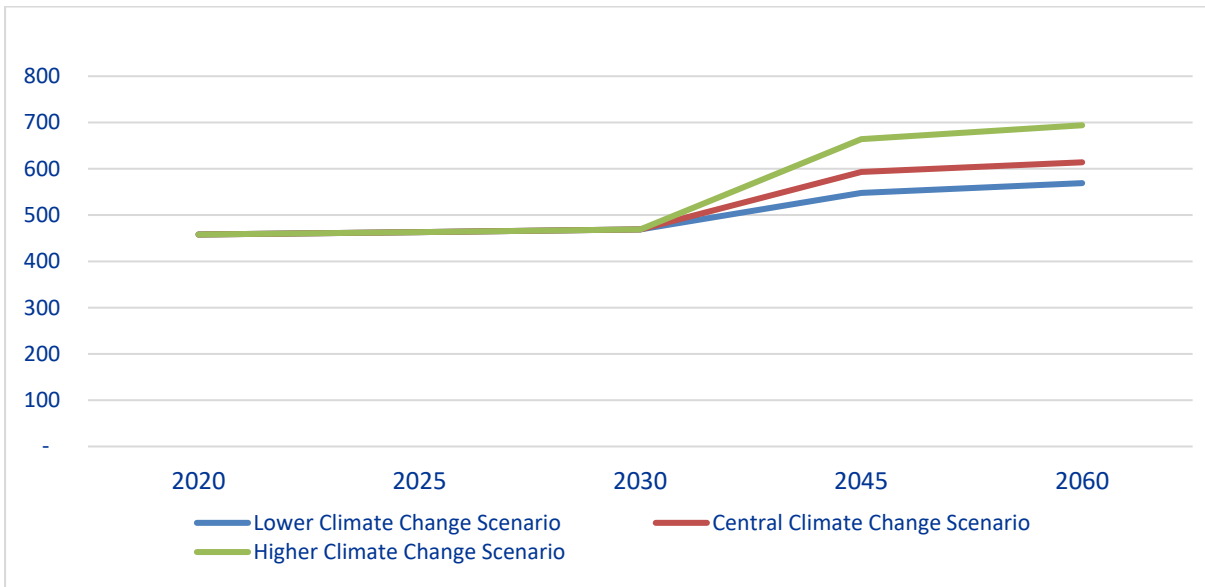
PO2 – External Flood Risk – Wear L2 SPA



PO3 – 1 in 50 Year Population at Risk – Wear L2 SPA



PO6 – Pollution – Wear L2 SPA



Our business plan is based on adaptive planning principles. We begin to use this more and more to think about an uncertain future. This long-term strategy is being developed alongside the long-term planning frameworks – in particular, the well-established Water Resources Management Plan process and the new Drainage and Wastewater Management Plan process.

OPTION DEVELOPMENT

Our Plan for the Wear L2 SPA

What Are We Doing?

The DWMP has been prepared taking the Best Value options within catchments and also including sustainable options that were not identified as Best Value but did reduce the volume of below-ground storage required within a catchment.

A summary of the interventions that have been included within the DWMP within the Wear L2 SPA are included within the following tables.

Storm Overflow Discharge Reduction Plan

| Intervention Type | 2025 to 2030 | 2030 to 2035 | 2035 to 2040 | 2040 to 2045 | 2045 to 2050 |
|--|--------------|--------------|--------------|--------------|--------------|
| Storm Overflows addressed by Spill Frequency Reduction Schemes | 67 | 31 | 38 | 58 | 63 |
| Storm Overflows requiring Screening Provision Schemes | 18 | 16 | 39 | 45 | 71 |

Wastewater Treatment Works Compliance

| Intervention Type | 2025 to 2030 | 2030 to 2035 | 2035 to 2040 | 2040 to 2045 | 2045 to 2050 | 2050 to 2055 | 2055 to 2060 |
|--|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| WwTW DWF Compliance – Investigations / Schemes | 3 | - | - | - | - | - | 1 |
| WwTW Quality Compliance – Investigations | 3 - (P) 5 (BOD) 8 (Amm) | - (P) 1 (BOD) 4 (Amm) | - (P) - (BOD) 1 (Amm) | - (P) 1 (BOD) 1 (Amm) | - (P) - (BOD) - (Amm) | - (P) - (BOD) - (Amm) | 1 (P) - (BOD) - (Amm) |
| WwTW Quality Compliance – Schemes | 9 (P) 4 (BOD) 4 (Amm) | - (P) 1 (BOD) 4 (Amm) | - (P) 1 (BOD) 4 (Amm) | - (P) - (BOD) 1 (Amm) | - (P) 1 (BOD) 1 (Amm) | - (P) - (BOD) - (Amm) | - (P) - (BOD) - (Amm) |

Long-Term Delivery Strategy – Flooding and Pollution

The Government's 25 Year Environment Plan (25YEP) requires us to invest to:

- Reduce nitrogen and phosphorus pollution, through catchment and nature-based solutions where possible.
- Improve drainage and environmental water quality, and reduce surface water flooding risk, through our Drainage and Wastewater Management Plan (DWMP).

Our long term delivery strategy sets out our ambition to continue to reduce sewer flooding over the next 25 years. Our plan sets out how we will match the 25YEP by reducing internal and external sewer flooding by 60% by 2050.

Water Industry National Environment Programme (WINEP)

We have included proposals in our Business Plan for a number of schemes to be delivered between 2025 and 2030 to meet our statutory and non-statutory obligations and functions. The schemes that are proposed will deliver improvements against the drivers that are included in the following table.

| WINEP Driver Code | Description |
|-------------------|--|
| EnvAct_IMP1 | Actions to Reduce phosphorus loading from treated wastewater by 80% by 2037 against a 2020 baseline |
| EnvAct_IMP3 | Improvements to reduce storm overflows that spill to designated bathing waters to protect public health. |
| EnvAct_IMP4 | Improvements to reduce storm overflows spills so that they do not discharge above an average of 10 rainfall events per year by 2050. |
| 25YEP_IMP | Locally significant environmental measures not eligible under any other driver, but with clear evidence of customer support. |
| HD_IMP_NN | Actions to reduce total phosphorus and/or total nitrogen levels to the Technically Achievable Limit (TAL) from discharges which drain to catchments where Nutrient Neutrality is advised. |
| HD_IMP | Action to contribute to restoration of a European site or Ramsar site to move towards meeting the conservation objectives. |
| U_IMP1 | Actions to improve discharges from agglomerations that, through population growth, have crossed the population thresholds in the UWWTR and therefore must achieve more stringent UWWTR requirements. This includes newly qualifying discharges (from agglomerations >10,000pe) within existing sensitive areas. This includes discharges of >2,000 pe to fresh waters and estuaries and discharges >10,000 pe to coastal waters, as well as discharges >10,000 pe and 100,000 pe to Sensitive Areas. |

The full list of schemes that are proposed within the Wear L2 area can be found at the end of this document.

How Much Does Our Plan Cost?

The following table summarises the costs that are included within the DWMP for the delivery of the identified interventions. The costs shown in the table are £million.

| Intervention Type | 2025 to 2030 | 2030 to 2035 | 2035 to 2040 | 2040 to 2045 | 2045 to 2050 | 2050 to 2055 | 2055 to 2060 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Storm Overflow Spill Frequency Reduction Schemes | 198.69 | 80.45 | 107.40 | 105.69 | 71.52 | - | - |

| | | | | | | | |
|-----------------------------|------|------|-------|-------|-------|---|---|
| Screening Provision Schemes | 8.15 | 9.63 | 11.33 | 11.52 | 16.91 | - | - |
|-----------------------------|------|------|-------|-------|-------|---|---|

Long-Term Delivery Strategy for Flooding

It is anticipated that we will achieve our flood risk reduction targets in a number of ways. For example,

- Working in partnership with others in the Northumbria Integrated Drainage Partnership
- Working with customers and communities for the widescale disconnection of roof drainage from the combined sewer network
- Implementing source control via sustainable drainage measures (SuDS) including wetland creation
- Implementing SMART networks throughout the region
- Disconnecting highway runoff from the combined sewer network
- Working with others to implement permeable pathing and roadways schemes.

We have estimated that the cost of achieving our ambitious targets will be £1 billion between 2030 and 2050. We will seek customer support for investment to achieve these targets.

The following table summarises the level of risk within the Wear L2 SPA for the flooding planning objectives following the implementation of the Long-Term Delivery Strategy for flooding.

| Planning Objective | Measure | Count | | | | |
|---------------------------|---|--------|--------|--------|--------|--------|
| | | 2020 | 2025 | 2030 | 2045 | 2060 |
| PO1 – Internal Flood Risk | Count of properties at risk of flooding internally during a 1 in 20 year return period rainfall event | 2,673 | 2,691 | 2,756 | 1,641 | 1,141 |
| PO2 – External Flood Risk | Count of properties at risk of flooding externally during a 1 in 20 year return period rainfall event | 38,699 | 38,890 | 39,007 | 17,255 | 12,147 |

Planning Objective Risk Scoring

The planning objective risk scores have been evaluated with the proposed DWMP interventions delivered.

| Drainage Area | | PO1 – Internal Flood Risk | | | PO2 – External Flood Risk | | | PO3 – 1 in 50 Year Population at Risk | | | PO4 – Bathing Water | | | PO5 – River Water | | | PO6 - Pollution | | | PO8 – WwTW DWF Compliance | | |
|---------------|-------------------------------|---------------------------|------|------|---------------------------|------|------|---------------------------------------|------|------|---------------------|------|------|-------------------|------|------|-----------------|------|------|---------------------------|------|------|
| | | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 |
| 06-D01 | Hamsterley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D02 | Fir Tree | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D05 | Crook | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 06-D08 | Eastgate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D10 | Frosterley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D11 | Hill End & Bridge End | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D12 | White Kirkley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D16 | Brotherlee | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D17 | Railway Terrace | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D18 | Low Bishopley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D19 | Wear Valley Junction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D20 | Tunstall | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D05 | The Moorings | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D06 | Waldridge Drift | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D08 | Leadgate North | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D11 | Iveston West | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D12 | Iveston East | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D14 | South Stanley & Craghead | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 07-D16 | Langley Park & Witton Gilbert | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D17 | Satley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Drainage Area | | PO1 – Internal Flood Risk | | | PO2 – External Flood Risk | | | PO3 – 1 in 50 Year Population at Risk | | | PO4 – Bathing Water | | | PO5 – River Water | | | PO6 - Pollution | | | PO8 – WwTW DWF Compliance | | |
|---------------|----------------------------|---------------------------|------|------|---------------------------|------|------|---------------------------------------|------|------|---------------------|------|------|-------------------|------|------|-----------------|------|------|---------------------------|------|------|
| | | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 |
| 07-D18 | Holmside | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D19 | Peartree Cottages | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D20 | East Hedleyhope | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D21 | Hedleyhope Colliery | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D22 | Hollinside Hall | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D23 | Hurbuck Cottages | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D24 | Cornsay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D27 | Ushaw Moor & Brandon | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 07-D28 | Lower Brancepeth | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D31 | Bowburn | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D32 | Cassop | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D34 | West Rainton | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 07-D38 | Sherburn Hospital | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D40 | Newton Grange | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D42 | Elvet Hill | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D43 | Tursdale Aged Miners Homes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D44 | Spennymoor | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 07-D46 | East Howle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D48 | Old Park Terrace | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D49 | Metal Bridge | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D51 | Cockfield & Esperley | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Drainage Area | | PO1 – Internal Flood Risk | | | PO2 – External Flood Risk | | | PO3 – 1 in 50 Year Population at Risk | | | PO4 – Bathing Water | | | PO5 – River Water | | | PO6 - Pollution | | | PO8 – WwTW DWF Compliance | | | |
|---------------|----------------------------|---------------------------|------|------|---------------------------|------|------|---------------------------------------|------|------|---------------------|------|------|-------------------|------|------|-----------------|------|------|---------------------------|------|------|---|
| | | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | |
| 07-D56 | Bildershaw | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 07-D58 | Newfield | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D62 | Cockfield Station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D63 | Deerness View | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D64 | Bearpark Hall | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D65 | Heugh Hall | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D66 | Malton | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D67 | Hedley Hill Colliery | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D68 | Greenfields | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D69 | Windmill | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D70 | Bowes Hill | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D07 | Rookhope | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 |
| 06-D04 | Low Etherley | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 06-D06 | St Johns Chapel & Westgate | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 |
| 06-D09 | Stanhope & Crawleyside | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 07-D01 | Sacriston | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D02 | Nettleworth | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 07-D04 | Chester le Street | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 07-D07 | Great Lumley | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D09 | Leadgate South | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D10 | Delves | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D15 | Lanchester & Burnhope | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |

| Drainage Area | | PO1 – Internal Flood Risk | | | PO2 – External Flood Risk | | | PO3 – 1 in 50 Year Population at Risk | | | PO4 – Bathing Water | | | PO5 – River Water | | | PO6 - Pollution | | | PO8 – WwTW DWF Compliance | | |
|---------------|----------------------------------|---------------------------|------|------|---------------------------|------|------|---------------------------------------|------|------|---------------------|------|------|-------------------|------|------|-----------------|------|------|---------------------------|------|------|
| | | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 |
| 07-D25 | Esh Winning | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 0 |
| 07-D30 | Sunderland Bridge | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D35 | Carrville & Belmont & Shincliffe | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D37 | Sherburn | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D41 | Durham City & Newton Hall | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D54 | North Evenwood & Ramshaw | 1 | 0 | 0 | 2 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 0 |
| 07-D55 | South Evenwood | 2 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D57 | Bishop Auckland | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D59 | Willington & Hunwick | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 07-D60 | Herrington | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D61 | Houghton/Hetton | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 08-D03 | Easington | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 08-D05 | Peterlee | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 06-D13 | Wolsingham | 2 | 0 | 1 | 1 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 2 | 0 | 0 | 0 |
| 07-D26 | Bearpark | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D39 | Pity Me | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D47 | Byers Green | 1 | 0 | 1 | 2 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D36 | Pittington | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 06-D14 | Thornley | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |
| 07-D13 | Crookhall | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D33 | Kelloe | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |

| Drainage Area | | PO1 – Internal Flood Risk | | | PO2 – External Flood Risk | | | PO3 – 1 in 50 Year Population at Risk | | | PO4 – Bathing Water | | | PO5 – River Water | | | PO6 - Pollution | | | PO8 – WwTW DWF Compliance | | |
|---------------|--------------|---------------------------|------|------|---------------------------|------|------|---------------------------------------|------|------|---------------------|------|------|-------------------|------|------|-----------------|------|------|---------------------------|------|------|
| | | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 | 2020 | 2045 | 2060 |
| 07-D52 | Butterknowle | 1 | 0 | 0 | 2 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 0 |
| 07-D03 | Edmondsley | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 11-D07 | Sheraton | 2 | 0 | 0 | 2 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |
| 07-D29 | Brancepeth | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-D15 | Tow Law | 1 | 0 | 1 | 2 | 0 | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-D53 | High Lands | 1 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |
| 07-D45 | Cornforth | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CONCLUDING COMMENTS

Our DWMP forms part of our long-term delivery strategy. As we go about this, we will need to review our progress and adapt our future plans to take into account changing circumstances. These include how customer views about priorities and affordability evolve; new technologies that emerge; how supply chain capacity develops; changes in weather patterns; and customer behaviour changes.

Setting a long-term delivery strategy allows us to seek early certainty on the investment we do not expect to change, while acknowledging these factors could mean choosing different pathways in future. We will consider those choices as and when we update our DWMP and at subsequent price reviews, which take place every five years. At each point we update our DWMP, we will look further into the future to maintain a 40-year outlook on these issues.

Our PR24 business plan, covering 2025-30, will include projects to drive better, more efficient, and nature-based solutions to tackling drainage and storm overflows in the future.

CONTACTING US

To view our DWMP, please go to our website at: www.nwl.co.uk/dwmp.

To contact us:

Go to the Contact Us page at: [Contact us \(nwl.co.uk\)](http://www.nwl.co.uk/contact-us)

Or you can call our Head Office switchboard on 0345 604 7468.

Our phone lines are open from 8:00am to 5:00pm, Monday to Friday.

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DH1 5FJ

AMP8 WINEP SCHEMES IN WEAR L2 DRAINAGE AREAS

| Action Name | Primary Driver Code | Benefitting WFD Waterbody | Drainage Area Reference | Drainage Area Name |
|----------------|---------------------|---|-------------------------|----------------------|
| Willington STW | U_IMP1 | GB103024077464 (Wear from Gaunless to Browney Water Body) | 07-D30 | Sunderland Bridge |
| Willington STW | U_IMP1 | GB103024077464 (Wear from Gaunless to Browney Water Body) | 07-D47 | Byers Green |
| Willington STW | U_IMP1 | GB103024077464 (Wear from Gaunless to Browney Water Body) | 07-D57 | Bishop Auckland |
| Willington STW | U_IMP1 | GB103024077464 (Wear from Gaunless to Browney Water Body) | 07-D58 | Newfield |
| Willington STW | U_IMP1 | GB103024077464 (Wear from Gaunless to Browney Water Body) | 07-D59 | Willington & Hunwick |