

## Drainage and Wastewater Management Plan (DWMP)

# DWMP Investment Needs

1. The options listed in the DWMP Investment Needs below are the preferred options in our DWMP. They will need further refinement as we implement the DWMP to confirm the exact location and scope of action needed, and the cost.
2. The costs are indicative costs for planning purposes only. The basis for the cost estimates, including assumptions and uncertainties, are explained in our DWMP Investment Plans.
3. The table of Investment Need provides an indicative cost so we know what level of funding is needed to reduce the risks. It is not a commitment to fund or deliver any option.
4. The Indicative Timescale is when the investment is needed. Some options may take several investment periods to achieve the desired outcomes.
5. Potential Partners have been identified in the table of Investment Needs. This is to indicate where there may be opportunities for us to work with these partners when developing and delivering these options. It is not a commitment by any of the partners to work with us.
6. These options will inform our future business plans as part of the Ofwat periodic review process to secure the finance to implement these options.
7. The options listed are prioritised by the method stated in the [Programme Appraisal Technical Summary](#).

Date : May 2023

Version : 1.0

| Reference                     | River Basin (L2) | Wastewater System (L3) | Location   | Option  | Indicative Cost | Indicative Timescales | Potential Partners         | Applicable Planning Objectives |
|-------------------------------|------------------|------------------------|--|---|-----------------|-----------------------|----------------------------|--------------------------------|
| <b>Adur and Ouse Shoreham</b> |                  |                        |  |   |                 |                       |                            |                                |
| PORT.PW01.2                   | Adur and Ouse    | Shoreham               | System Wide (excluding part of Shoreham Beach and the Harbour) | Sewer Rehabilitation: Targeted CCTV or electroscan surveys to check the integrity of sewers and reline or renew them to reduce the risk of groundwater pollution    | £4,645K         | AMP9                  | -                          | PO12                           |
| PORT.PW01.4                   | Adur and Ouse    | Shoreham               | Old Shoreham Road  | Growth scheme from our Drainage Area Plan (DAP): Construct additional storage in network including 107m of new 1800mm dia sewer and upsize sections of local sewers | £2,960K         | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW01.5                   | Adur and Ouse    | Shoreham               | High Street/Brighton Road                                      | Growth scheme from our Drainage Area Plan (DAP): Construct additional storage in network including 107m of new 1800mm dia sewer and upsize sections of local sewers | £2,960K         | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW01.6                   | Adur and Ouse    | Shoreham               | Upper Shoreham Road  | Growth scheme from our Drainage Area Plan (DAP): Construct additional storage in network including 107m of new 1800mm dia sewer and upsize sections of local sewers | £2,960K         | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW01.7                   | Adur and Ouse    | Shoreham               | Dolphin Road   | Growth scheme from our Drainage Area Plan (DAP): Construct additional storage in network including 107m of new 1800mm dia sewer and upsize sections of local sewers | £2,960K         | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW01.8                   | Adur and Ouse    | Shoreham               | Kingstone Lane   | Growth scheme from our Drainage Area Plan (DAP): Construct additional storage in network including 107m of new 1800mm dia sewer and upsize sections of local sewers | £2,960K         | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW01.9                   | Adur and Ouse    | Shoreham               | Albion Street  | Growth scheme from our Drainage Area Plan (DAP): Construct additional storage in network including 107m of new 1800mm dia sewer and upsize sections of local sewers | £2,960K         | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW01.10                  | Adur and Ouse    | Shoreham               | Wellington Road  | Growth scheme from our Drainage Area Plan (DAP): Construct additional storage in network including 107m of new 1800mm dia sewer and upsize sections of local sewers | £2,960K         | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW01.11                  | Adur and Ouse    | Shoreham               | Albion Street  | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding                     | £10,685K        | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW01.12                  | Adur and Ouse    | Shoreham               | Trafalgar Road   | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding                     | £3,015K         | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW01.13                  | Adur and Ouse    | Shoreham               | Station Road   | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding                     | £2,870K         | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW01.14                  | Adur and Ouse    | Shoreham               | Brighton Road  | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding                     | £985K           | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW01.15                  | Adur and Ouse    | Shoreham               | Old Shoreham Road  | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding                     | £825K           | AMP9                  | West Sussex County Council | PO4 PO7                        |
| PORT.PW02.1                   | Adur and Ouse    | Shoreham               | Shoreham WTW   | Increase capacity to allow for planned new development  | £1,755K         | AMP9                  | -                          | PO8                            |

| Reference      | River Basin (L2) | Wastewater System (L3) | Location                         | Option  | Indicative Cost | Indicative Timescales | Potential Partners | Applicable Planning Objectives |
|----------------|------------------|------------------------|----------------------------------|---|-----------------|-----------------------|--------------------|--------------------------------|
| PORT.OT01.3    | Adur and Ouse    | Shoreham               | System Wide                      | Improve the Hydraulic Model: Surveys and reverification of model to improve confidence and accuracy                 | £350K           | AMP8                  | -                  | PO4 PO5 PO7 PO10               |
| PORT.WINEP01.1 | Adur and Ouse    | Shoreham               | SHOREHAM CSO                     | Reduce the number of storm discharges from SHOREHAM CSO by a combination of SuDS and storage options                | £13,850K        | AMP9                  | -                  | PO4 PO5 PO7 PO13               |
| PORT.WINEP01.2 | Adur and Ouse    | Shoreham               | ROPETACKLE STREET SHOREHAM CEO   | New or improved screen to reduce aesthetics impacts from storm discharges at ROPETACKLE STREET SHOREHAM CEO         | £130K           | AMP11                 | -                  | PO5                            |
| PORT.WINEP01.3 | Adur and Ouse    | Shoreham               | THE GREEN SOUTHWICK CSO          | New or improved screen to reduce aesthetics impacts from storm discharges at THE GREEN SOUTHWICK CSO                | £130K           | AMP12                 | -                  | PO5                            |
| PORT.WINEP01.4 | Adur and Ouse    | Shoreham               | UPPER SHOREHAM ROAD SHOREHAM CSO | New or improved screen to reduce aesthetics impacts from storm discharges at UPPER SHOREHAM ROAD SHOREHAM CSO       | £130K           | AMP11                 | -                  | PO5                            |
| PORT.WINEP01.5 | Adur and Ouse    | Shoreham               | ALBION STREET PORTSLADE EMO      | Reduce the number of storm discharges from ALBION STREET PORTSLADE EMO by a combination of SuDS and storage options | £13,820K        | AMP12                 | -                  | PO4 PO5 PO7                    |