

## 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</b> |                  |                        |                              |  |                 |                       |                            |                                |
| <b>Newhaven East</b> |                  |                        |                              |  |                 |                       |                            |                                |
| NEWE.PW01.1          | Adur and Ouse    | Newhaven East          | Ham Lane Lewes New WPS       | Improve the operational resilience of wastewater pumping station (WPS) to reduce pollution incidents   | £235K           | AMP8 onwards          | -                          | PO2                            |
| NEWE.PW01.2          | Adur and Ouse    | Newhaven East          | Lewes Town Centre, Southover | Sewer Rehabilitation: Targeted CCTV or electroscan surveys and sewer rehabilitation to reduce the risk of sewer bursts and collapses   | £1,310K         | AMP8 onwards          | -                          | PO3                            |
| NEWE.PW01.4          | Adur and Ouse    | Newhaven East          | Southover                    | 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   | £4,660K         | AMP9                  | -                          | PO12                           |
| NEWE.PW01.6          | Adur and Ouse    | Newhaven East          | Blatchington Road i          | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding (Costs based on storage solution but surface water separation is our preferred approach) | £1,865K         | AMP9                  | East Sussex County Council | PO4 PO7                        |
| NEWE.PW01.7          | Adur and Ouse    | Newhaven East          | Blatchington Road ii         | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding (Costs based on storage solution but surface water separation is our preferred approach) | £1,395K         | AMP9                  | East Sussex County Council | PO4 PO7                        |
| NEWE.PW01.8          | Adur and Ouse    | Newhaven East          | Riverside                    | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding (Costs based on storage solution but surface water separation is our preferred approach) | £2,455K         | AMP9                  | East Sussex County Council | PO4 PO7                        |
| NEWE.PW01.9          | Adur and Ouse    | Newhaven East          | Vale Road                    | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding (Costs based on storage solution but surface water separation is our preferred approach) | £585K           | AMP9                  | East Sussex County Council | PO4 PO7                        |
| NEWE.PW01.10         | Adur and Ouse    | Newhaven East          | Chyngton Gardens             | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding (Costs based on storage solution but surface water separation is our preferred approach) | £540K           | AMP9                  | East Sussex County Council | PO4 PO7                        |
| NEWE.PW01.11         | Adur and Ouse    | Newhaven East          | Avis Way i                   | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding (Costs based on storage solution but surface water separation is our preferred approach) | £1,060K         | AMP9                  | East Sussex County Council | PO4 PO7                        |
| NEWE.PW01.12         | Adur and Ouse    | Newhaven East          | Avis Way ii                  | Flood Alleviation: Separate or attenuate excess rainwater in sewer network using Sustainable Drainage Systems (SuDS) to reduce risk of flooding (Costs based on storage solution but surface water separation is our preferred approach) | £590K           | AMP9                  | East Sussex County Council | PO4 PO7                        |
| NEWE.PW02.1          | Adur and Ouse    | Newhaven East          | Newhaven East WTW            | Improve the operational resilience of wastewater treatment works (WTW) to reduce pollution incidents   | £6,970K         | AMP8 onwards          | -                          | PO2                            |
| NEWE.PW02.2          | Adur and Ouse    | Newhaven East          | Newhaven East WTW            | Increase capacity to allow for planned new development   | £2,130K         | AMP9                  | -                          | PO8                            |
| NEWE.OT01.5          | Adur and Ouse    | Newhaven East          | System Wide                  | Improve the Hydraulic Model: Surveys and reverification of model to improve confidence and accuracy  | £340K           | AMP8                  | -                          | PO4 PO5 PO7 PO10               |
| NEWE.WINEP01.1       | Adur and Ouse    | Newhaven East          | COURT ROAD LEWES CEO         | Reduce the number of storm discharges from COURT ROAD LEWES CEO by creating below-ground storage   | £1,810K         | AMP11                 | -                          | PO5                            |

| Reference      | River Basin (L2) | Wastewater System (L3) | Location                           | Option  | Indicative Cost | Indicative Timescales | Potential Partners | Applicable Planning Objectives |
|----------------|------------------|------------------------|------------------------------------|---|-----------------|-----------------------|--------------------|--------------------------------|
| NEWE.WINEP01.2 | Adur and Ouse    | Newhaven East          | BEACH ROAD NEWHAVEN STORM TANK CSO | New or improved screen to reduce aesthetics impacts from storm discharges at BEACH ROAD NEWHAVEN STORM TANK CSO     | £130K           | AMP12                 | -                  | PO5                            |
| NEWE.WINEP01.3 | Adur and Ouse    | Newhaven East          | HAM LANE LEWES NEW SSO             | Reduce the number of storm discharges from HAM LANE LEWES NEW SSO by a combination of SuDS and storage options      | £3,435K         | AMP8                  | -                  | PO4 PO5 PO7                    |
| NEWE.WINEP01.4 | Adur and Ouse    | Newhaven East          | MARTELLO ROAD SEAFORD CSO          | New or improved screen to reduce aesthetics impacts from storm discharges at MARTELLO ROAD SEAFORD CSO              | £130K           | AMP12                 | -                  | PO5                            |
| NEWE.WINEP01.5 | Adur and Ouse    | Newhaven East          | NEWHAVEN MAIN CSO                  | Reduce the number of storm discharges from NEWHAVEN MAIN CSO by a combination of SuDS and storage options           | £10,680K        | AMP9                  | -                  | PO4 PO5 PO7                    |
| NEWE.WINEP01.6 | Adur and Ouse    | Newhaven East          | DENTON ISLAND NEWHAVEN CEO         | Reduce the number of storm discharges from DENTON ISLAND NEWHAVEN CEO by a combination of SuDS and storage options  | £1,690K         | AMP12                 | -                  | PO4 PO5 PO7                    |
| NEWE.WINEP01.7 | Adur and Ouse    | Newhaven East          | FORT ROAD NEWHAVEN WEST SSO        | Reduce the number of storm discharges from FORT ROAD NEWHAVEN WEST SSO by a combination of SuDS and storage options | £1,775K         | AMP12                 | -                  | PO4 PO5 PO7                    |