

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
Test and Itchen								
Morestead Road Winchester								
MORE.SC03.1	Test and Itchen	Morestead Road Winchester	South Winchester (St. Cross Road)	Customer Education Programme: Targeted campaign to reduce the amount of FOG (fats, oils and grease) and unflushables discharged into the sewer network	£115K	AMP8 onwards	Hampshire County Council Test Valley Borough Council	PO1
MORE.PW01.2	Test and Itchen	Morestead Road Winchester	Garnier Road Winchester WPS	Improve the operational resilience of wastewater pumping station (WPS) to reduce pollution incidents	£235K	AMP8 onwards	-	PO2
MORE.PW01.3	Test and Itchen	Morestead Road Winchester	South Winchester (St. Cross Road)	Enhanced Sewer Maintenance: Increase targeted sewer jetting to reduce the number of blockages in the network	£105K	AMP8 onwards	-	PO1
MORE.PW01.9	Test and Itchen	Morestead Road Winchester	Garnier Road WPS	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)	£1,155K	AMP9	-	PO4 PO7
MORE.PW01.10	Test and Itchen	Morestead Road Winchester	Upstream trunk sewer at Garnier Roas WPS	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)	£230K	AMP9	-	PO4 PO7
MORE.PW01.11	Test and Itchen	Morestead Road Winchester	Pitt Manor, Romsey Road, Badger Farm Road to Garnier WPS	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)	£975K	AMP9	-	PO4 PO7
MORE.PW01.12	Test and Itchen	Morestead Road Winchester	Morestead Road Winchester WTW	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)	£1,725K	AMP9	-	PO4 PO7
MORE.PW02.1	Test and Itchen	Morestead Road Winchester	Morestead Road WTW	Increase capacity to allow for planned new development	£1,730K	AMP9	Environment Agency	PO8
MORE.OT01.4	Test and Itchen	Morestead Road Winchester	System Wide	Improve the Hydraulic Model: Surveys and reverification of model to improve confidence and accuracy	£200K	AMP8	-	PO4 PO7
MORE.OT01.5	Test and Itchen	Morestead Road Winchester	System Wide	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)	£230K	AMP9	Hampshire County Council Test Valley Borough Council	PO4 PO7
MORE.WINEP01.1	Test and Itchen	Morestead Road Winchester	GARNIER ROAD WINCHESTER CEO	New or improved screen to reduce aesthetics impacts from storm discharges at GARNIER ROAD WINCHESTER CEO	£130K	AMP11	-	PO5
MORE.WINEP01.2	Test and Itchen	Morestead Road Winchester	MORESTEAD ROAD WINCHESTER SSO	New or improved screen to reduce aesthetics impacts from storm discharges at MORESTEAD ROAD WINCHESTER SSO	£130K	AMP12	-	PO5
MORE.WINEP.PO2.1	Test and Itchen	Morestead Road Winchester	Morestead Road Winchester WTW	Expansion of existing biological treatment and conversion to denitrification to achieve 10mg/l Total N permit. Provision of additional chemical dosing and tertiary treatment to achieve 0.25mg/l Total P permit. (WINEP OAR 08SO103985)	£20,834K	AMP8	-	PO11