

Southern Water commitment to planned, costed improvements for Summer 2024.

Action	Explanation	Scheduled
Complete the sealing of public sewers where leaks have been found	As per SMB Infiltration Reduction Plan 10/04/2024 – Draft Doc	April 2024 – March 2025
Survey the sewers to identify any other leaks on the public system	As per SMB Infiltration Reduction Plan draft 10/04/24 – Draft Doc	April 2024 – March 2025
Undertake surveys to gain a better understanding of the private sewer systems and to determine whether they are leaking.	Where problems are identified SW will discuss sewer sealing proposals with the property owners.	April 2024 – March 2025
Piping through Gangbridge Lane	Sealing out a high potential location for groundwater infiltration, the manhole often surrounded by water which is visible from the bridge	Summer 2024
Addressing belly in sewer south of village	This pipe defect slows the flows of wastewater leaving ST Mary Bourne Village exacerbating the need for tankers in the village centre	Summer 2024
Sealing of rider sewer to Holdaway WPS	Sewer sealing to reduce infiltration but with a direct impact on the spills from the manhole near Tudor Cottage, by reducing discharge frequency of the local pumping station	Summer 2024
Lining of laterals from 4 properties to Holdaway	As above but taking into account the 4 private lateral connections at this point	Summer 2024
Agreement to not pump basements to sewer	As above but an action to ensure we do not have any basements pumping out to the sewer in question	Summer 2024

Install pumped AFD at Applegate	A pumped Anti-Flood Device, the installation will mean that properties in Applegate are able to use their facilities all year round regardless of groundwater levels	Summer 2024
Extend Rising Main from Bourneside by to rider sewer	This will re-direct the pressurised main from the micro pumping station to a secondary sewer system with more capacity, reducing the likelihood of spills at the Tudor Cottage manhole	Summer 2024
Connect 1 property to rider sewer	Transferring Knapp Cottage to a secondary sewer, in order to allow residents to use their downstairs facilities year-round regardless of groundwater conditions	Summer 2024
End seals on existing liners (assume 10)	An issue spotted by some of our operational teams where water is passing between end of existing liners and the pipework, meaning infiltration still occurs on some lined sections of sewer	Summer 2024
Leaking of wet well structure at Holdaway - investigate	Potentially groundwater getting into the bottom of the small well of the pumping station at Holdaway Cottages – not confirmed but some calculations suggest more flow at this point than the pipes alone can carry	Summer 2024
Leaking of wet well structure at Holdaway	If above is found to be true, repair work to be carried out to address this	Summer 2024
Redirecting Holdaway Cottage rising main	A crucial action in which the rising main discharge from the village centre is re-directed downstream of the dog-leg in the sewer as it crosses the Bourne Rivulet, improving hydraulics and reducing the risk of spills	Summer 2024
Extend rising main from Prosen House	Reconnecting 3 properties to the secondary sewer in the village centre, to enable residents to have year round use of their facilities regardless of groundwater levels	Summer 2025