St Marybourne Infiltration Plan

Appendix A – Work Complete



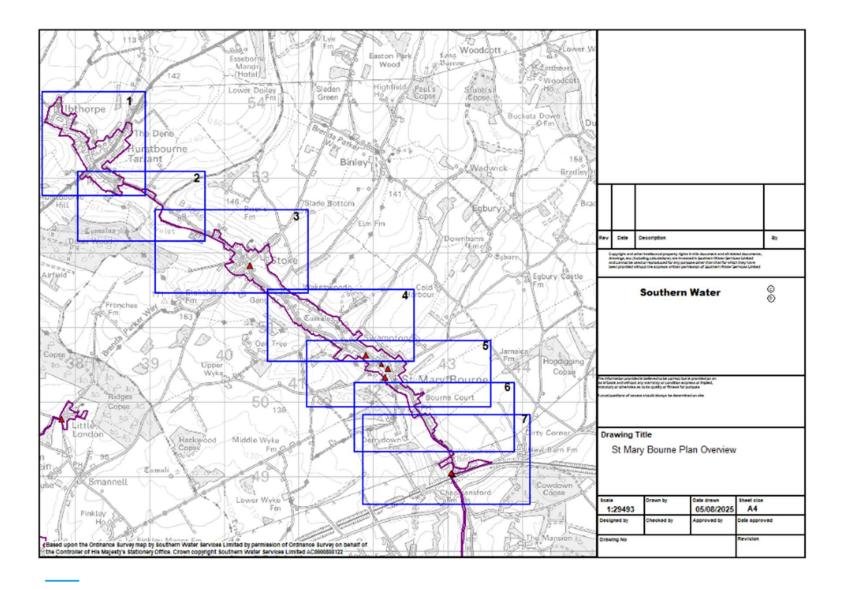


Summary of work completed

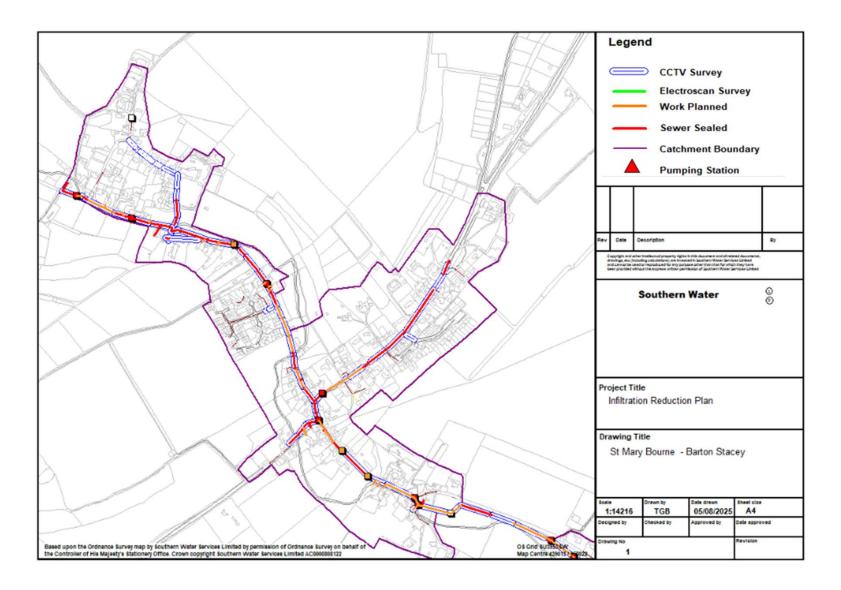
Action	Km of sewer	
CCTV Length	32.7	
Electroscan	5.4	
Sewer Length Sealed	15.27	
Sewers not requiring sealing	23.2	
Manholes Sealed No.	70	

Reporting Year	Surveyed (km)	Sewers Sealed (km)	Manholes Sealed
Pre 2013	23.05	10	0
2013	6.9	0.4	19
2014	1.91	0.1	0
2015	0.17	1.3	21
2016	0.51	0.5	6
2017	0.03	0.7	0
2018	0.13	0.3	0
2019	0	0	0
2020	0	0.2	0
2021	5.4	0.1	0
2022	0	1.6	0
2023	0	0	0
2024	0	0	0
2025	0	0.37	24
TOTAL	32.7	14.9	46

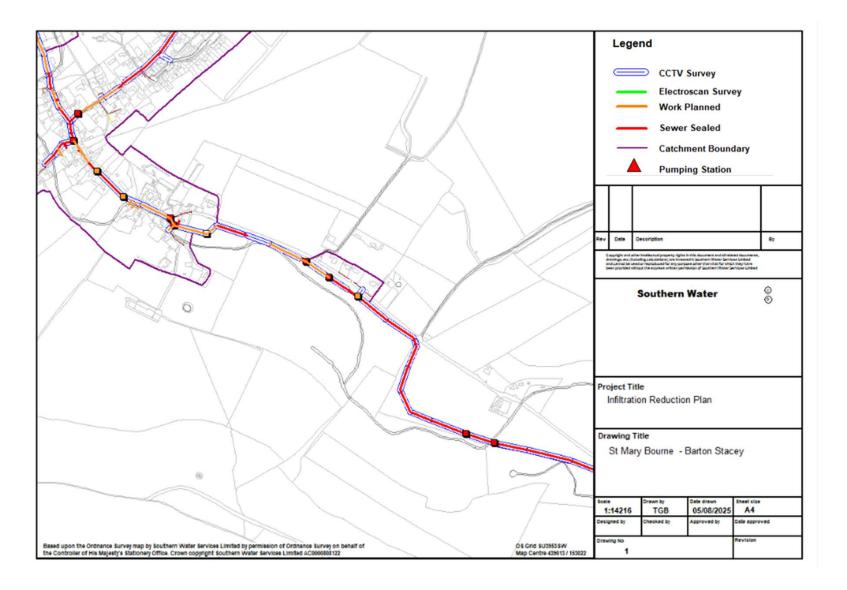




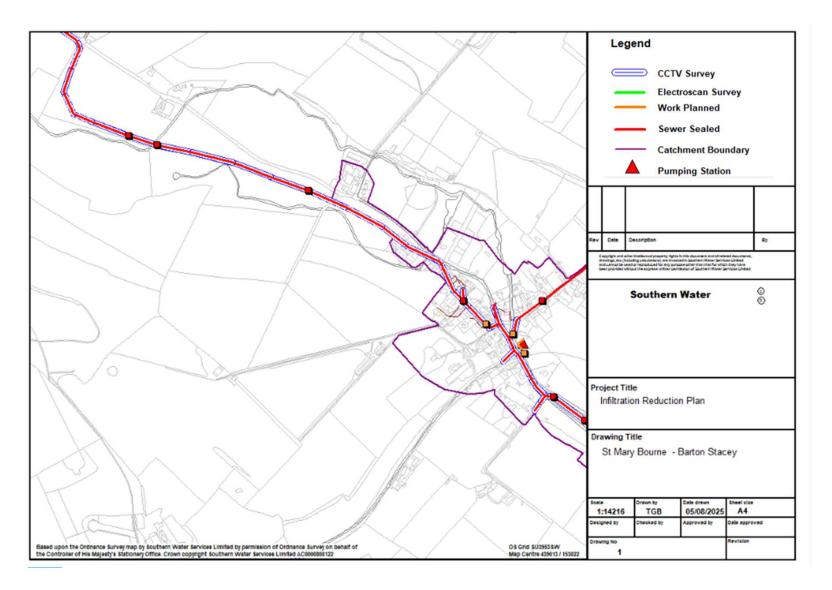




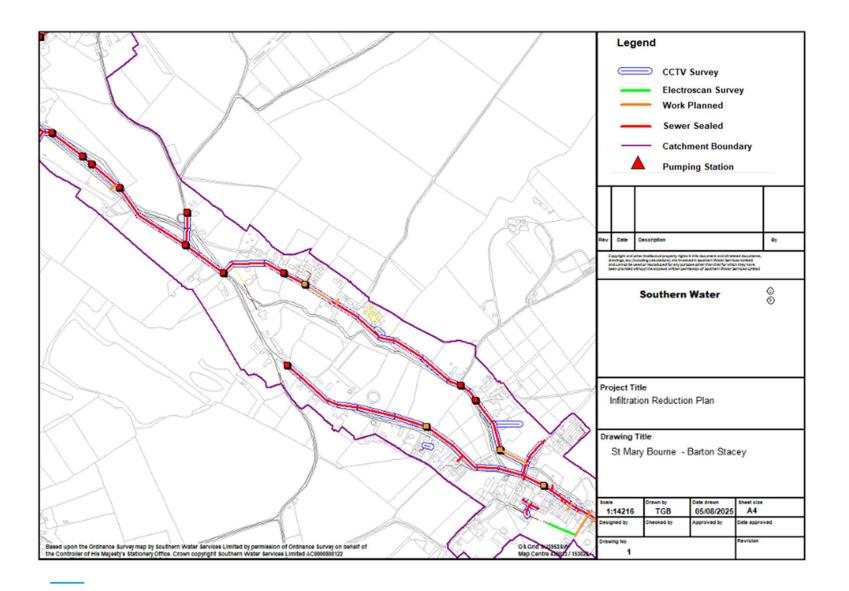




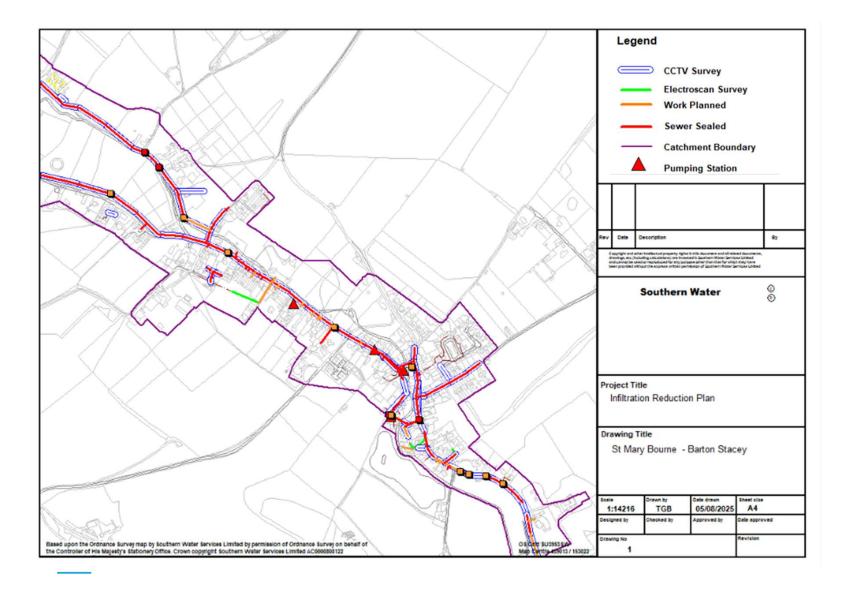




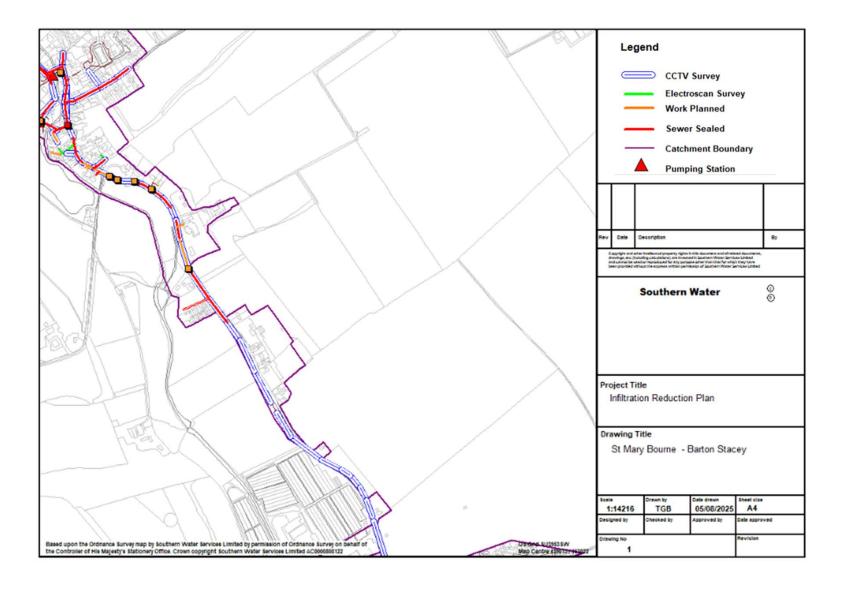




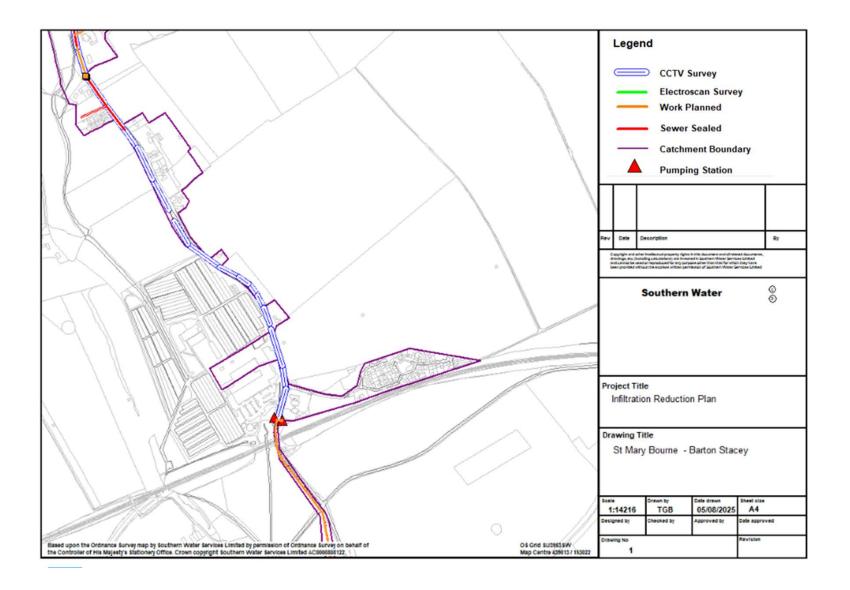








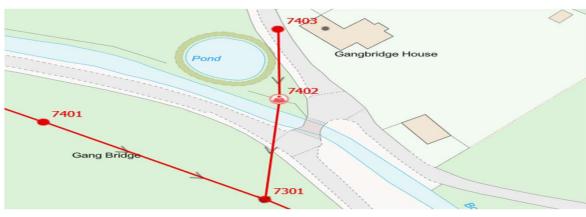




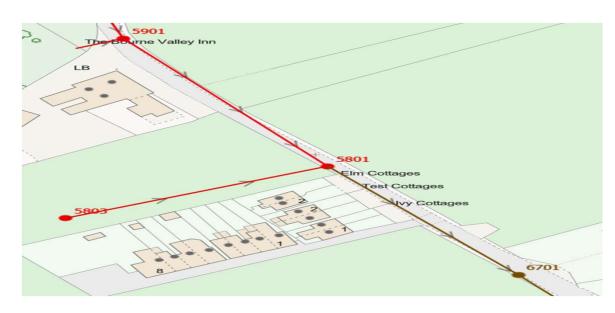


Work completed in summer/autumn 2024

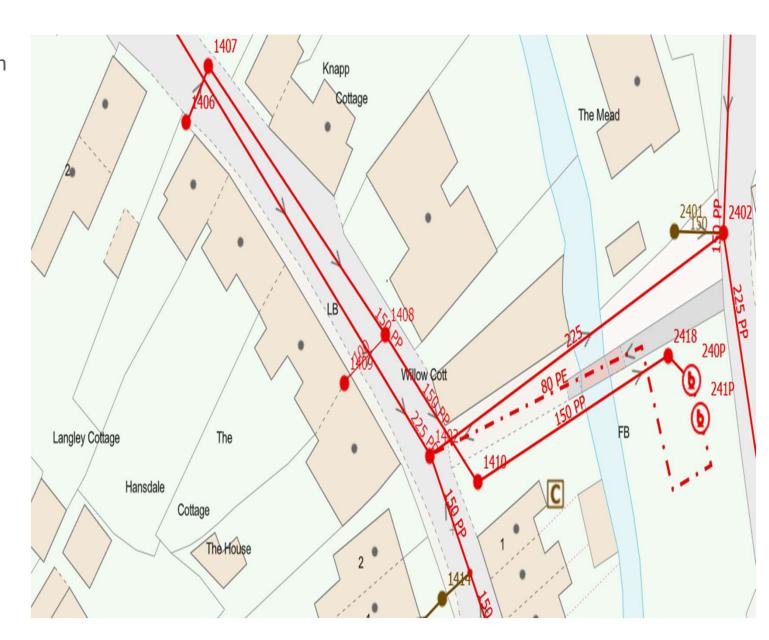
 Piping through sewer at Gangbridge lane to prevent the seasonal pond entering manhole 7402 – completed in September 2024



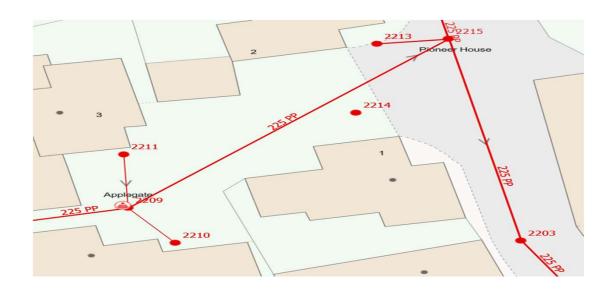
 Pipe burst from manhole 5901 to 6701 & relay to remove the belly in the sewer —completed in September 2024

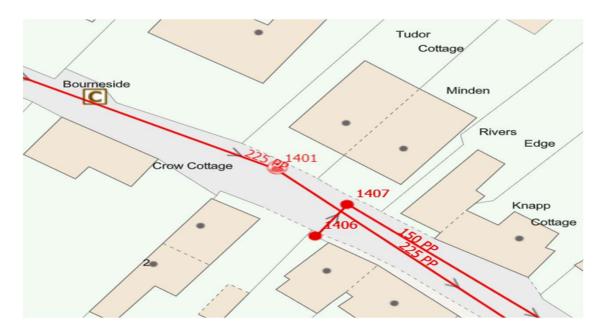


- 3. Reline the rider sewer from manhole 1406 through 1407, 1408, 1410 & 2418 to the pumping station at Holdaway Cottages completed Autumn 2024
- 4. Lining of the laterals from four properties to the rider sewer – Langley Cottage, Hansdale, The Cottage & The House – completed Autumn 2024



- 5. Install pumped Anti Flood Device at Applegate, near manhole 2209 completed Autumn 2024, dependant on power supply.
- 6. Extend the rising main from Bourneside micro pumping station by 9m to join the 150mm rider sewer at manhole 1407, currently discharges at manhole 1401 – work complete
- Connect lateral from Knapp Cottage to the 150mm rider sewer, currently connects to 225 mm sewer – work complete

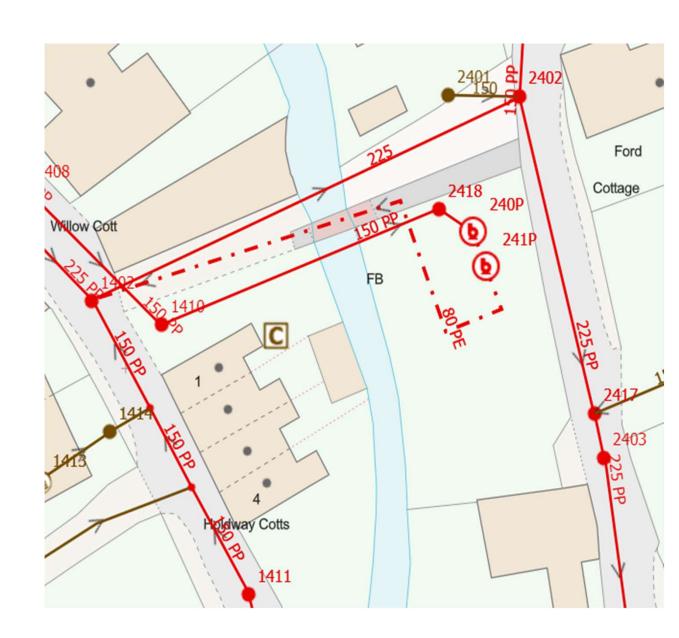




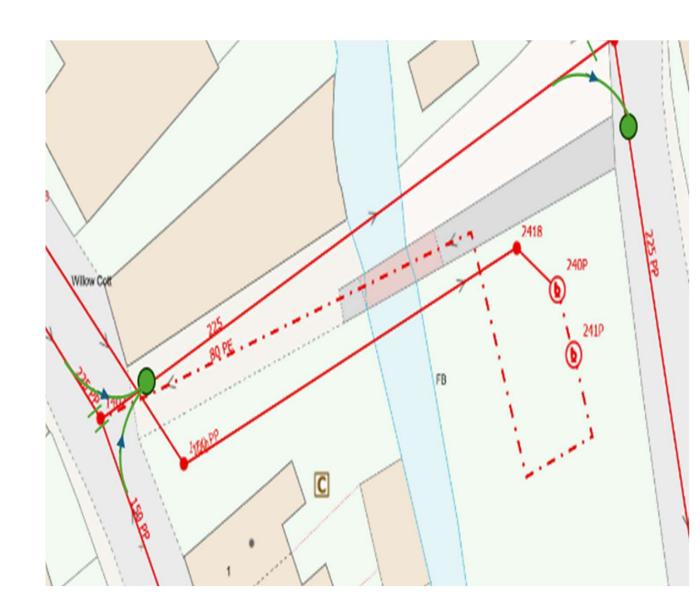
8. Extend the rising main from the micro pumping station in manhole 0503 to join the 150mm rider sewer at manhole 1407 –completed Autumn 2024



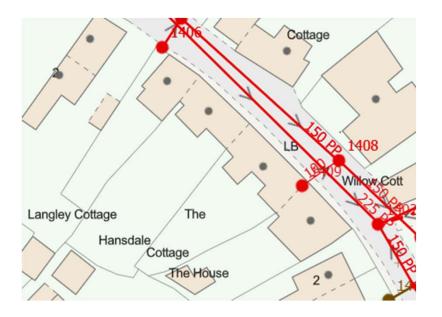
- Investigate wet well structure at Holdaway Cottages for infiltration & seal if required –completed Autumn 2024
- 10. Redirect the Rising Main from Holdaway Cottages from manhole 1402 to the sewer between manhole 2402 and 2417 work to be completed 2025. The mapping is incorrect, the pumping station is to the west of the watercourse. New rising main will need to pass under the watercourse completed 2025



11. Install two long radius bends at manhole 1402 and one long radius bend at manhole 2402 to improve conveyance of flows – completed September 2024



- 12. Residents of Langley Cottage, Hansdale, The Cottage & The House to no longer pump their basements out to the sewer network
- 13. Install Annular seals to the end of 10 private laterals in progress





Examples of manholes in the village which have been sealed to prevent groundwater ingress









