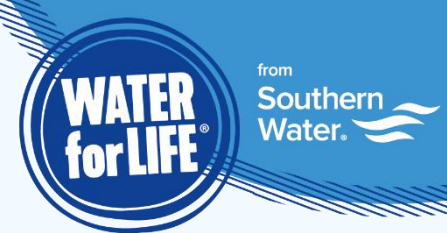


# FAIRLIGHT UPDATE



## What we're doing to 'slow the flow' and reduce surface water in Fairlight

[Watch our Fairlight Pathfinder Update video](#)

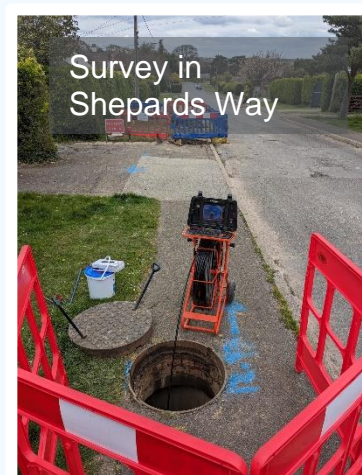
### Background

The Fairlight catchment was specifically chosen as a Pathfinder due to current and historical occurrences of flooding, and current storm overflow performance within the area. The original Fairlight sewer network is acting as a combined sewer with foul water and surface water connecting into the sewerage network.

- **Infrastructure improvements:** We're upgrading and optimising our infrastructure and systems to manage heavier flows of rainwater.
- **Partnership:** We're working closely with customer and stakeholders within the catchments as well as local authorities, businesses, and homeowners so we can make the biggest impact possible.
- **Sustainable Drainage Systems (SuDS):** We're using a variety of SuDS to increase natural drainage and manage excess surface water.
- **Putting misconnections right:** Illegal surface water misconnections can really affect how well sewer systems handle rainwater. Many of these misconnections are on private pipework, so we need to ask permission from the landowner before we can put them right.

### Our progress

- **Slow the flow:** We've installed 263 slow-drain water butts for residents. These will capture 26,300 litres of water per rain event and manage 0.52 hectares of impermeable area. Our delivery partner is now out in the catchment installing the water butts.
- **Pipework improvements:** We've carried out 5km of detailed surveys in the catchment on the main sewer spines. These have now been reviewed and will be used to create a programme of works to line the key areas of the sewer to stop infiltration, with a view to start late **Spring 2024**.
- **Illegal connections:** We've found and sealed eight illegal surface water connections within existing foul manholes, this has now increased the resilience of the system and is managing at least 0.5 hectares of impermeable area.
- **Optimisation:** We're in the process of reviewing and optimising the way in which we return stormwater stored in storm tanks at the treatment works. By doing this, we can hold and treat even more water. We're also reviewing the treatment process for other optimisation opportunities.
- **Large roof rainwater management:** We're carrying out surveys in the catchment on large roofs to manage their rainwater run-off. If the properties are connected to the foul system, our engineers will be contacting the owners over the coming months with proposals to rectify the connections. Properties are already being identified and our engineers will be making contact soon to discuss options with the owners.



- **Working collaboratively:** We're working with the Marsham Sewer Trust and the Environment Agency on investigations into how the rainfall induced infiltration impacts the surrounding area.

## Our progress



- Completed WinCan Survey
- Completed CCTV survey
- Lining Works in progress
- Completed Surveys at Marsham Farm
- Completed Lining Works

- Combined Sewer Overflow
- Surface Water connection under review
- Managed Surface water connection
- Red Roofs to be managed
- Treatment Works Optimisation



# Upcoming

- **Pathfinder surveys:** A clean of Lower Waites Lane 2 was due to be completed after the Easter break, however we had to make the decision to stand the crew down this will now take place early May , with Waites Lane CSO to be completed once ground water levels subside - CCTV surveys are continuing in target areas, including areas we were unable to access earlier in the year due to high water levels – **Late Spring 2024**
- **Slow the Flow:** If you haven't already taken advantage of the free survey and potential water butt install, please make contact via email with your full name, address, and contact number to [utilities@rescue2.co.uk](mailto:utilities@rescue2.co.uk) .Alternatively call 01903871105.
- **Redundant main to the treatment works:** This is part of our infrastructure optimisations, and our engineers will be progressing with a further survey and investigation in May with their new crawler camera which will enable them to survey areas that they previously were unable to reach.
- **Misconnections:** A damaged surface water pipe in Shepards Way was identified by our engineer as leaking into our foul system, this has now been rectified.
- **Engagement :** The customer drop in at Fairlight Village Hall on 15<sup>th</sup> was a great success thank you to all that attended and the sausage casserole. We will aim to do another drop in soon but with an afternoon into the early evening time slot , the venue to be confirmed.

