



# Storm overflows – Hamble catchment

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# The Clean Rivers & Seas Task Force

**WATER  
for LIFE®**

**The Clean Rivers and Seas Task Force** was set up in 2021, **our aim is to reduce storm overflows** to ensure a healthy environment and a resilient future for water.

The task force is responsible for **delivering pathfinder projects** through an **accelerated programme**.

We've built our [Clean Rivers and Seas \(regional\) plan](#).



# Why do we need to tackle them?

As well as the obvious environmental and ethical considerations, there are several other factors that have contributed to this need for change



An increase in extreme weather events



Less permeable land (degreening)



Customer feedback



The release of the government's Storm Overflow Reduction Plan.

# Our history



**2021**



Clean Rivers and Seas Task Force established

**2022**



Pathfinder projects set up with £7 million funding

**Apr 2023**



Accelerated funding of £35 million agreed

**Nov 2023**



Clean Rivers and Seas Plan launched

**Mar 2024**



Accelerated funding of additional £10 million agreed

**Now**



Starting AMP 8 work early, focussing on priority areas

**AMP 8 2025 - 2030**



Continue delivering overflow reduction over the next 5-year asset



# How do we tackle them?

There are four main ways to reduce storm overflows and the harm they cause



Source control



Infrastructure optimisation



Stormwater treatment



Building bigger infrastructure

# What will our teams be doing in Hamble?

Engineers are currently surveying Southern Water's network in the village ahead of carrying out work on our network and seeing what solutions will help drive down storm overflows. **Our starting point is Infrastructure Optimisation and Source Control**

Focus on the School Lane storm overflow near Hamble Copse. June 2027 obligations for 10 spills

One key aspect of the work is investment in technology to improve the way our pumping stations work, this work will involve harnessing artificial intelligence so there is real-time control of flows between the pumping stations and utilising storage within the network.

# Hamble Optimisation

Netley PS



118 l/s

Hamble Lane Bursledon



50 l/s

Ensign PS



61 l/s

School Lane Hamble



134 l/s

To Peel Common

Incoming flow of  
>229 l/s is more than  
School Lane Hamble  
Can pump



Old storage tanks  
Approx 1000m<sup>3</sup> of  
storage

Hamble Lane Burseldon



Ensign Park

400m3 underground  
storage tank

The site passes forward  
65 l/s before this fills  
overwhelming Hamble

Pumping station

400m<sup>3</sup> storm tank  
discovered under  
property in Netlev



[Link:](#)

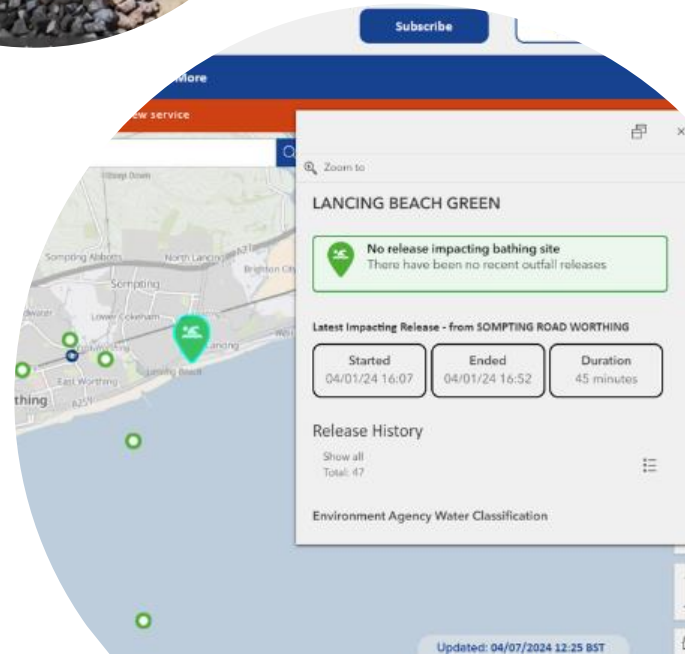
## [Rivers and Seas Watch](#)

We know the importance of **transparency** when it comes to storm overflows and the environment, so we've made notable improvements to Beachbuoy and have released our new service, Rivers and Seas Watch.

Rivers and Seas Watch shows **all inland storm overflow outfalls** as well as coastal ones, has better usability, and a host of other useful features and improvements.

### These improvements were informed by:

- An independent review of Beachbuoy
- Advice from a host of relevant experts
- Our Beachbuoy working group
- Our beta testing group
- Customer feedback



**Thank you and  
questions**

