

# Where does your drinking water come from?

This area's drinking water is treated at Dotton Water Treatment Works, which treats around 25m litres per day. The water that supplies these treatment works is drawn from 14 different boreholes in the Otter Valley. From here, treated water is pumped through the distribution network into holding tanks called service reservoirs, ready for use.

## Water quality in East Devon is among the best in the UK

Due to the geography of the region, drinking water in East Devon is of high quality. The water picks up small amounts of calcium and magnesium that are naturally present in the local sandstone and limestone. These dissolve into the water as it progresses on its journey underground. These minerals give the water its hardness.

## The complexity of the drinking water system

In times of drought, we have different strategies for maintaining the water supply to customers. The ability of the water network to withstand pressures such as drought is known as supply resilience. We can reconfigure the network to supply water that is treated in other parts of East Devon, from as far away as Tiverton.

## Improving local water quality

The water treatment process in this area uses a robust multi-barrier approach to ensure clean, fresh drinking water. We want to improve water further. In the next five-year investment period, we will upgrade water treatment to improve the appearance of supplies in East Devon. As part of this plan, treated water from Dotton will benefit from the construction of an enhanced manganese removal process. We also plan to make all drinking water lead free by 2050.



# Our local quality water

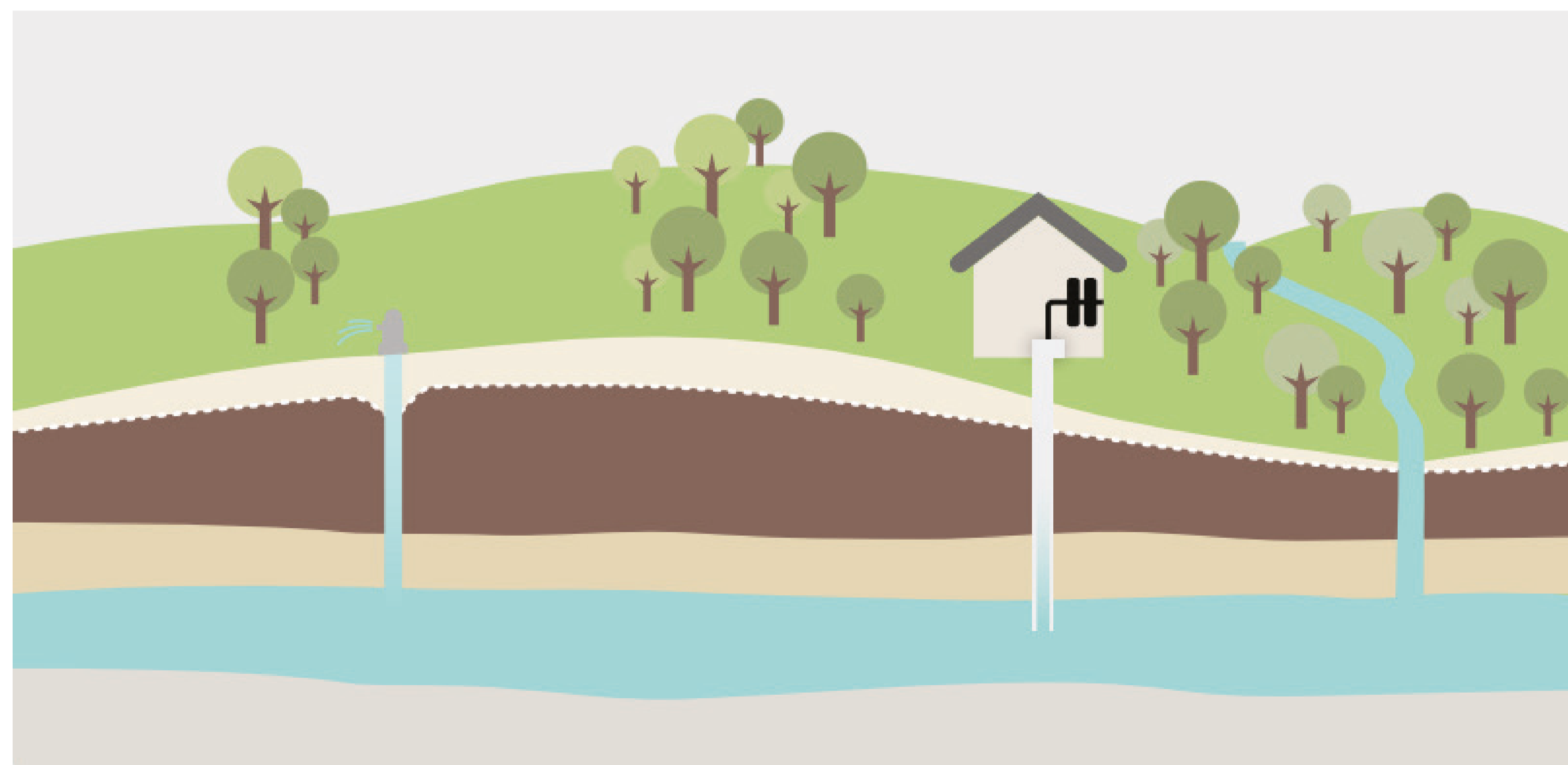
## Improvements to our water quality

We've recently improved the process to reduce the chlorine level in the finished water.

Between 2025-2030, we will install advanced treatment to remove natural iron and manganese from the groundwater.

## How we treat water

- We start by protecting the aquifer and the areas around our boreholes.
- We use UV light and chlorine treatment to disinfect the water.
- We have ambitious plans to make all drinking water lead free by 2050.



# Improving the wastewater network in Seaton between 2025-2030

We are using a range of solutions to improve the wastewater network throughout the Seaton catchment.

## Seaton Sewage Treatment Works

We recently refurbished the thickened sludge tank at Seaton Sewage Treatment Works. This will help to ensure good performance for years to come.



## Investment into the Hydraulic catchment in Seaton

We have a number of DWMP solutions for our CSOs that blend grey, green and blue methods to reduce the amount of spills to no more than 10 on average, per year. These include:

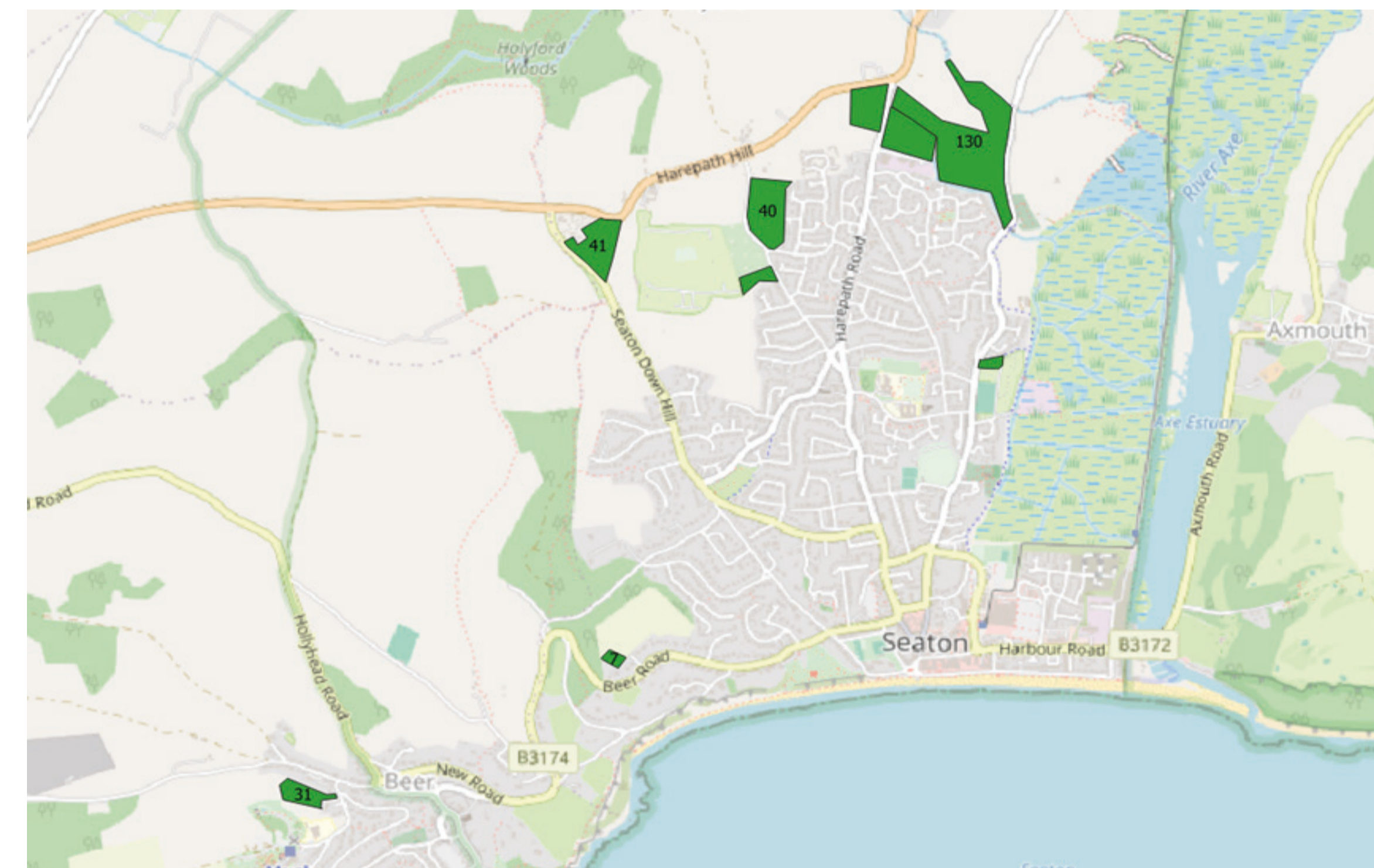
- Axmouth SPST (Axmouth)
- Chapel Street (Axmouth)
- Dolphin Road Car Park SPS (Beer)
- Harbour Road SPS
- Sea Hill SPS (Beer)



# New developments in Seaton

New developments create additional demand for drinking water and wastewater services. We need to ensure the network can meet this demand, adding extra capacity to the system where necessary.

Site	Build Plan	Development
Land off Harepath Road	130	Awaiting Decision
Tower Country Chalet Park	41	Awaiting Decision
Land at Barnards Hill Lane	40	Local Development Framework
Land at Short Furlong	31	Local Development Framework
Land at Clay Common	7	Local Development Framework
Land Adjacent to Harepath Road	N/A	Awaiting Decision
Marsh Garages Ltd Colyford Road	N/A	Planning permission Received



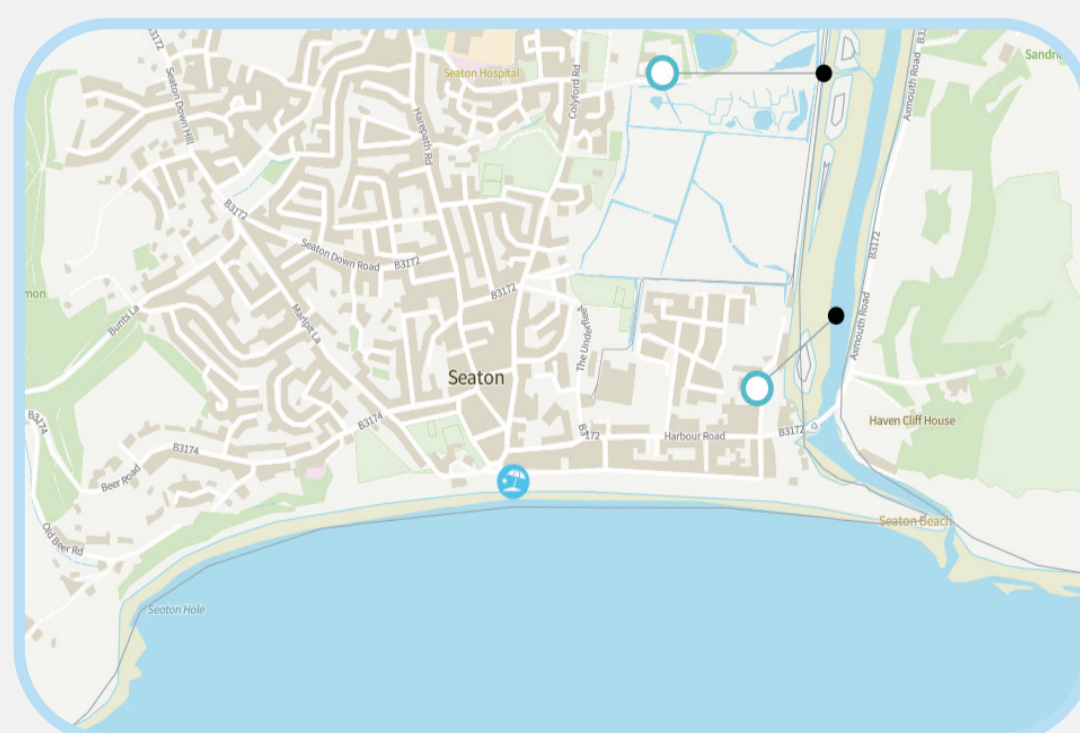
# Information about your local bathing water quality – Seaton

Water quality in this area has consistently been rated Excellent. We want to ensure water quality is even better in future. We've been investing and making plans to help improve standards.

## Bathing Water Classification

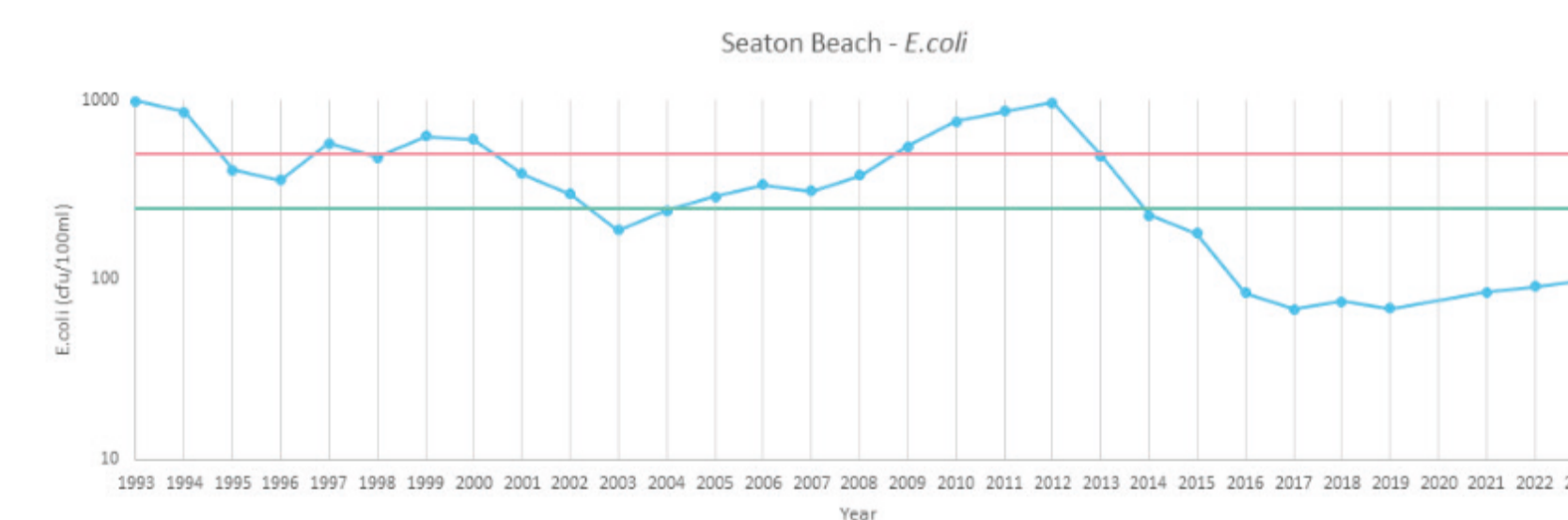
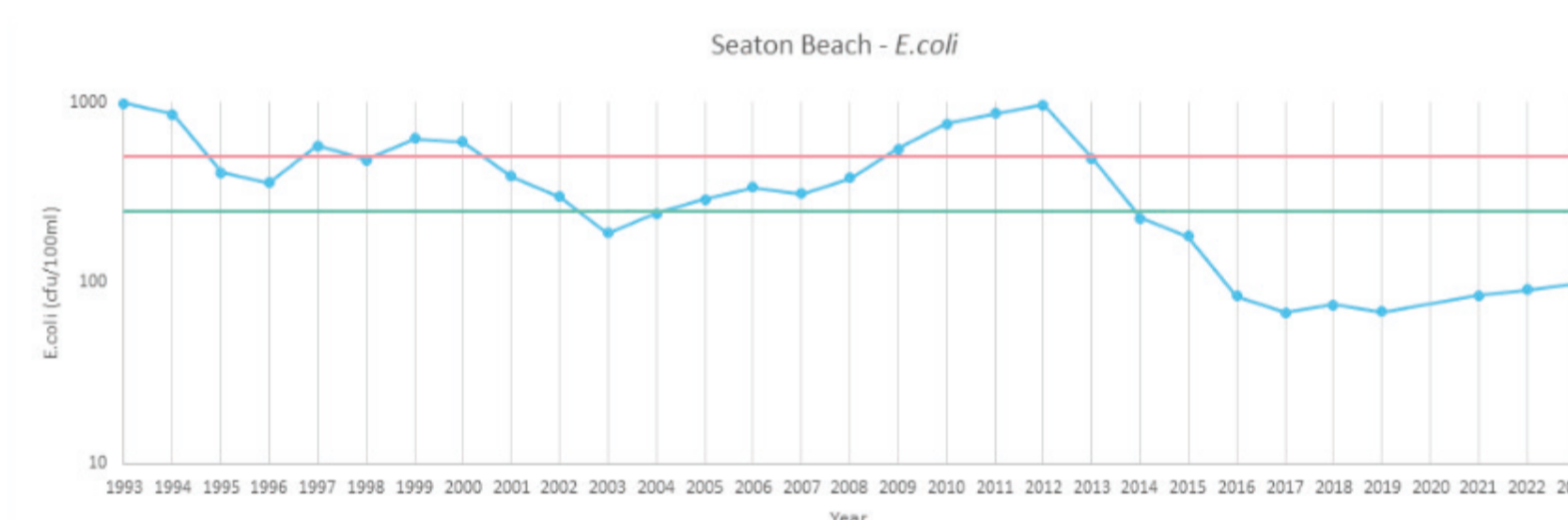
Environment Agency annual classifications for Seaton:

- 2024 – 3\* Excellent
- 2023 – 3\* Excellent
- 2022 – 3\* Excellent
- 2021 – 3\* Excellent



## What can reduce water quality?

Environment Agency samples show levels of Escheria coli and Intestinal enterococci at Seaton have reduced since the 1990s.



## How many times have storm overflows been in operation?

In the last four years, there have been 52 overflow activations at Axmouth Pumping Station overflow, 86 at Harbour Road Pumping Station overflow and 240 at Seaton South Sewage Treatment Works settled storm overflow.

Not all overflows impact bathing water quality – this depends on factors such as tidal state and weather conditions. Debris can also cause false spills to be recorded.

Understanding the factors that cause the overflow to operate allows use to design effective solutions to reduce reliance on the overflow.

The details of investment in the next five years are currently being finalised, but it is expected that there will be further work to address the overflow at Seaton.

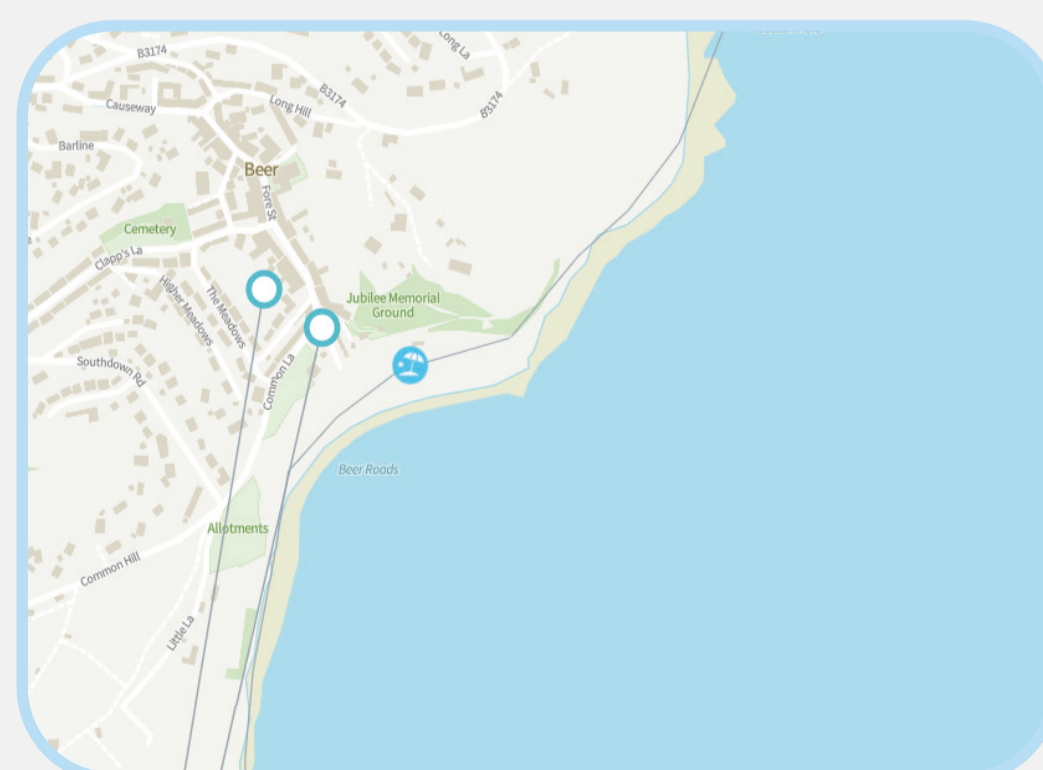
# Information about your local bathing water quality – Beer

Water quality in this area has consistently been rated Excellent. We want to ensure water quality is even better in future. We've been investing and making plans to help improve standards.

## Bathing Water Classification

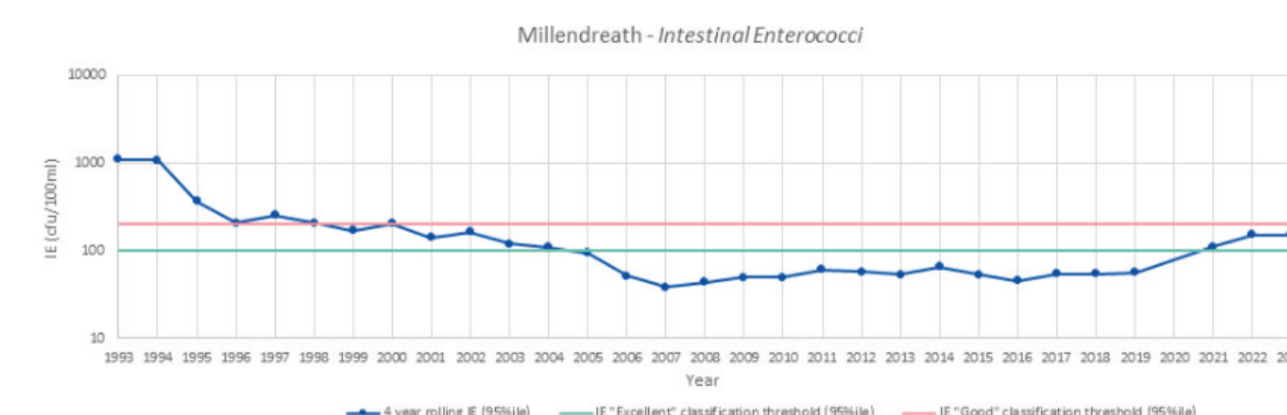
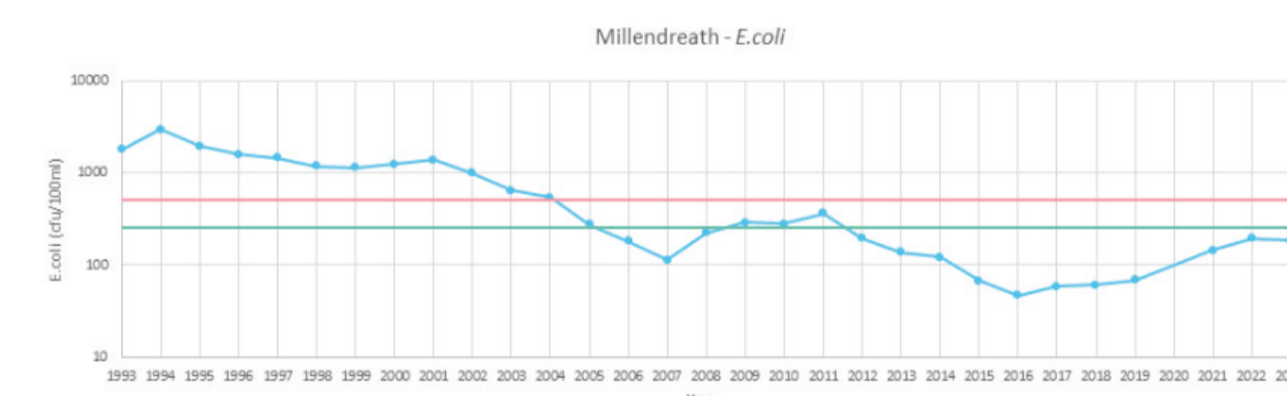
Environment Agency annual classifications for Beer:

- 2024 – 3\* Excellent
- 2023 – 3\* Excellent
- 2022 – 3\* Excellent
- 2021 – 3\* Excellent



## What can reduce water quality?

Environment Agency samples show levels of Escheria coli and Intestinal enterococci at Beer Beach have reduced since the 1990s.



## How many times have storm overflows been in operation?

In the last four years, there have been 107 overflow activations at the Dolphin Road Car Park Pumping Station overflow outlet 1 and 103 at Sea Hill Pumping Station overflow, according to our Event Duration Monitor (EDM) data.

Not all overflows impact bathing water quality – this depends on factors such as tidal state and weather conditions. Debris can also cause false spills to be recorded.

We are currently assessing data from this catchment area to see how performance of the wastewater system could be improved. The details of investment in the next five years are currently being finalised.