

Beer Hackett CSO (2)

A lot of work has been conducted at the Beer Hackett pumping station in the last 2 years.

In 2024 new pumps were installed

Another sump was installed

Also in 2024 there was an unplanned power outage in the area. Engineers arrived at the pumping station within 30 minutes of the outage, a generator was brought in to pump water up to Thornford

A new data cable was installed as the old one was damaged and control information was not being received or sent

In early 2025 ash trees were removed from the vicinity of the pumping station as their roots could penetrate the pipe network.

In August 2025 the pipe up to Thornford Sewage Treatment Plant was cleaned, it was silted up with black sludge that was contaminating the filter beds in Thornford Treatment works and the pipe was running at approximately 50% capacity. At the same time a new valve was inserted in the line up to Thornford. The process took approximately 2 weeks and meant that during this time tankers were used to remove sewage/surface water from the sumps.

In February 2026 there was a blockage in the pipe running down from Yetminster. This blockage was due to items being placed down the pipes that should not have been (nappies and wipes) the pipes cannot cope with bulky waste. The pipes were cleared by jetting from the pumping station up toward Yetminster resulting in discharges from Beer Hackett but also flooding in Brister End as this coincided with a period of very heavy rainfall. Following the jetting process which took place twice, there was an air blockage requiring more jetting of clean water up the pipes.

Also in February 2026 there was a planned power cut and a generator was brought in prior to the outage to operate the pumps

In March 2026 a new monitoring system was installed

It is worth noting that a kingfisher is living in the area close to Beer Hackett Pumping Station and has been recorded on a number of occasions!

Thornford Water Treatment Centre

Upgraded in 2020 to 30.3 l/s

The upgraded Water Recycling Centre is capable of dealing with the expected catchment flow and loads up to 2030; its modular design of the main process units will allow future expansion or contraction of the works to deal with any changes in trade flows.

Equivalent population treated by the works will increase from 5,000 to 10,000 by 2025 with the proportion of trade waste increasing from 50 to 70%

Achieve compliance with the Water Framework Directive level of 2mg/l of phosphorus in the discharged final effluent

- The overall additional process capacity including:
 - Primary settlement tank.
 - Additional biological secondary treatment (using bioreactors).
 - The bioreactors are modular units manufactured off-site, and hence their numbers can be increased or reduced should the trade flows change significantly in the future.
 - Humus settlement tank.
- Chemical dosing equipment for phosphorus and alkalinity removal;
- Provision of additional sludge storage;
- Various upgrades to the site infrastructure including new power supply and standby generator.