**Headroom Monitoring for Thornham WWTW – July 2024**

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| --- | --- | --- | --- | --- | --- |
| Estimated remaining headroom (households) within the Q80 as at 1st Jan 2024\* | Dwellings not yet completed as at 1st April 2023 (CDC) | Permissions as at 1st April 2023 (HBC) | Dwellings Permitted 1/4/23 to 30/6/24 (CDC) | Dwellings Permitted 1/4/23 to 30/6/24 (HBC) | Estimated remaining headroom within the Q80 1 July 2024 |
|  |  |  |  |  |  |
| 1114 | 377 | 50 | 367 | 44 | 276 |

\* This starting figure is calculated by comparing the average Q80 Dry Weather Flow over the preceding 5 years to the Environment Agency permit for the treatment works and converting this to households based on average water use of 500 litres per household per day.

This calculation, and the use of the Q80, is explained in more detail in the document “Estimated Wastewater Treatment Headroom as at 1st Jan 2024” available on the [Local Plan evidence page](https://www.chichester.gov.uk/thelocalplanclimatechange) of Chichester District Council’s website. This figure is updated annually once the latest Dry Weather Flow data is available and fluctuates from year to year.

It should be noted that Q80 is not the point at which the permit limit is reached but is rather the point at which Southern Water would usually apply to the Environment Agency for an increase in the permit. An explanation of the Q80 and its use to calculate dry weather flow is available at: [Calculating dry weather flow (DWF) at waste water treatment works - GOV.UK (www.gov.uk)](https://www.gov.uk/government/publications/calculating-dry-weather-flow-dwf-at-waste-water-treatment-works/calculating-dry-weather-flow-dwf-at-waste-water-treatment-works)

Permissions data is sourced from Chichester District Council and from Hampshire County Council.