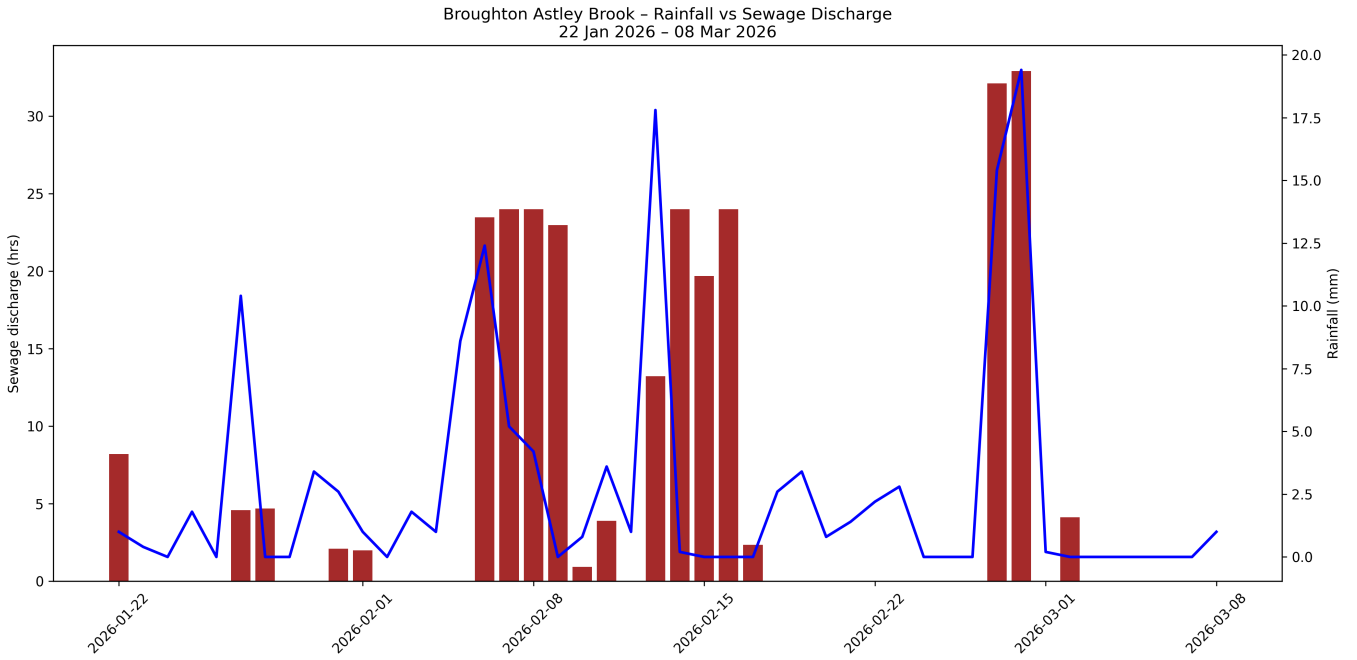


Broughton Astley Brook

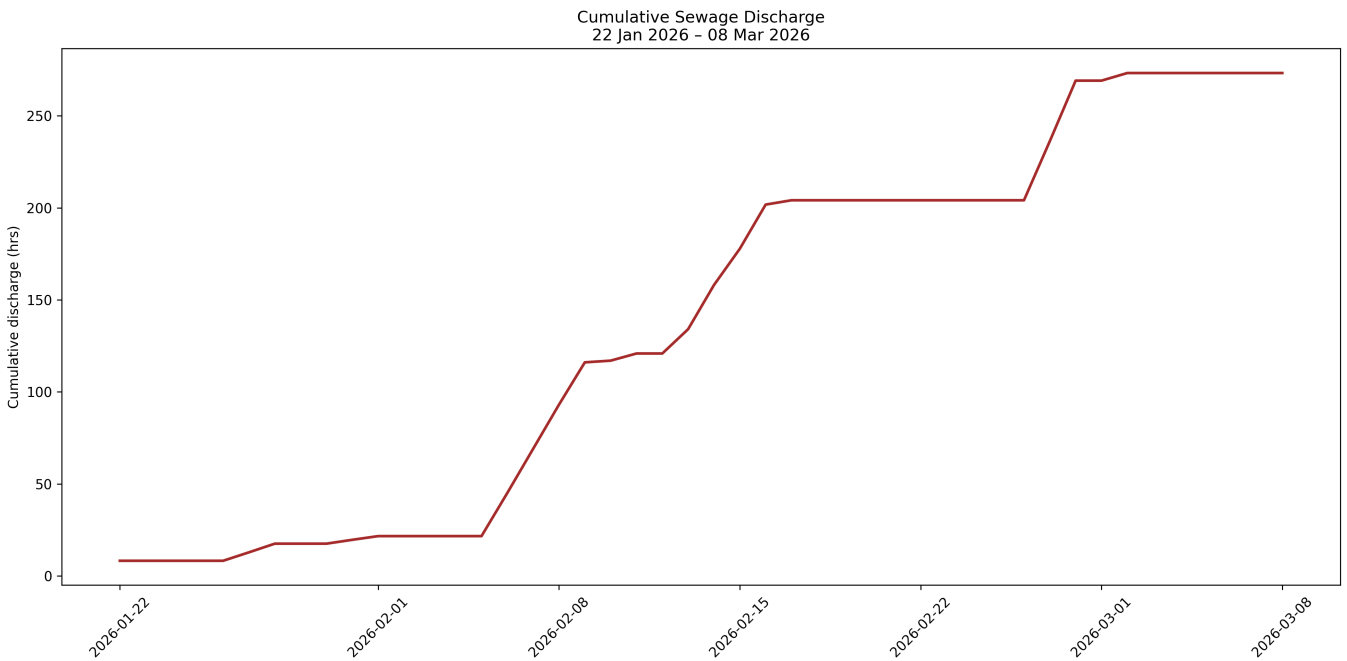
Sewage Discharge & Rainfall Report

Rainfall source: EA Littlethorpe Rain Gauge 3999

Rainfall (Blue Line) vs Sewage (Brown Bars)



Cumulative Sewage Discharge



Date	Rainfall (mm)	Sewage (hrs)
22 Jan 2026	1.0	8.2
23 Jan 2026	0.4	0.0
24 Jan 2026	0.0	0.0
25 Jan 2026	1.8	0.0
26 Jan 2026	0.0	0.0
27 Jan 2026	10.4	4.6
28 Jan 2026	0.0	4.7
29 Jan 2026	0.0	0.0
30 Jan 2026	3.4	0.0
31 Jan 2026	2.6	2.1
01 Feb 2026	1.0	2.0
02 Feb 2026	0.0	0.0
03 Feb 2026	1.8	0.0
04 Feb 2026	1.0	0.0
05 Feb 2026	8.6	0.0
06 Feb 2026	12.4	23.47
07 Feb 2026	5.2	24.0
08 Feb 2026	4.2	24.0
09 Feb 2026	0.0	22.98
10 Feb 2026	0.8	0.92
11 Feb 2026	3.6	3.89
12 Feb 2026	1.0	0.0
13 Feb 2026	17.8	13.23
14 Feb 2026	0.2	24.0
15 Feb 2026	0.0	19.7
16 Feb 2026	0.0	24.0
17 Feb 2026	0.0	2.35
18 Feb 2026	2.6	0.0
19 Feb 2026	3.4	0.0
20 Feb 2026	0.8	0.0
21 Feb 2026	1.4	0.0
22 Feb 2026	2.2	0.0
23 Feb 2026	2.8	0.0
24 Feb 2026	0.0	0.0
25 Feb 2026	0.0	0.0

Date	Rainfall (mm)	Sewage (hrs)
26 Feb 2026	0.0	0.0
27 Feb 2026	15.4	32.11
28 Feb 2026	19.4	32.91
01 Mar 2026	0.2	0.0
02 Mar 2026	0.0	4.14
03 Mar 2026	0.0	0.0
04 Mar 2026	0.0	0.0
05 Mar 2026	0.0	0.0
06 Mar 2026	0.0	0.0
07 Mar 2026	0.0	0.0
08 Mar 2026	1.0	0.0

■ KEY FINDING – SYSTEM FAILURE ALREADY EVIDENT

What this report shows

The data in this report demonstrates that sewage is being discharged for extended periods (up to 24–32 hours), including during little or no rainfall. This indicates the system is not coping under normal conditions.

Confirmed legal breach

Official Environment Agency correspondence confirms that Broughton Astley Sewage Treatment Works exceeded its permitted pollution limits. Ammonia levels recorded at 6.27 mg/l exceeded the legal limit of 5.0 mg/l. This is a formal breach under the Environmental Permitting Regulations 2016.

How this matches the data

The discharge data shows frequent and prolonged releases, including in dry weather. The permit breach confirms the system is not treating sewage to required standards. Together, this shows the system is already failing.

Conclusion

The system is already overloaded, failing, and breaching legal limits. Adding new development will increase sewage volumes, increase discharge frequency, and worsen pollution and flood risk.

What residents should say

The evidence shows that Broughton Astley Sewage Treatment Works is already under significant pressure, with frequent sewage discharges even in dry weather. Official correspondence confirms permit breaches, meaning the system is not operating within legal limits. The NPPF requires adequate infrastructure, which is not present. I therefore object to this development.