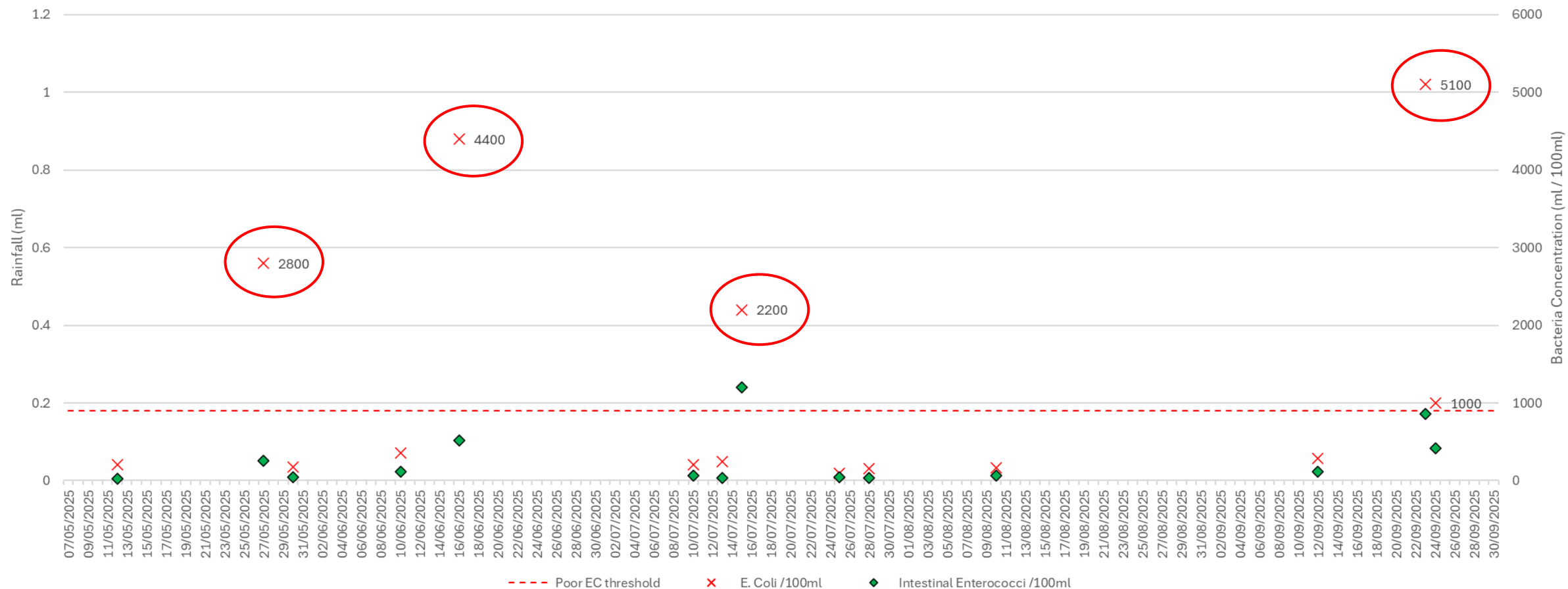


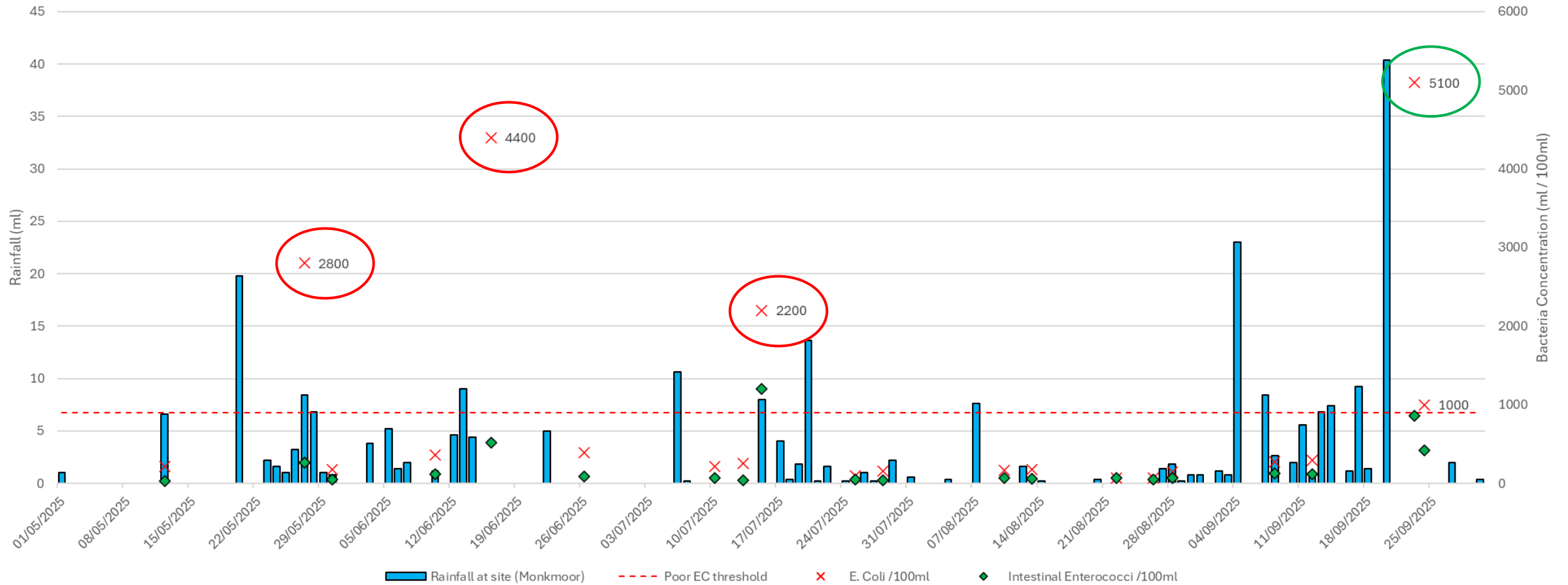
Summary of the 2025 Bathing Season

River Severn in Shrewsbury Bathing Site

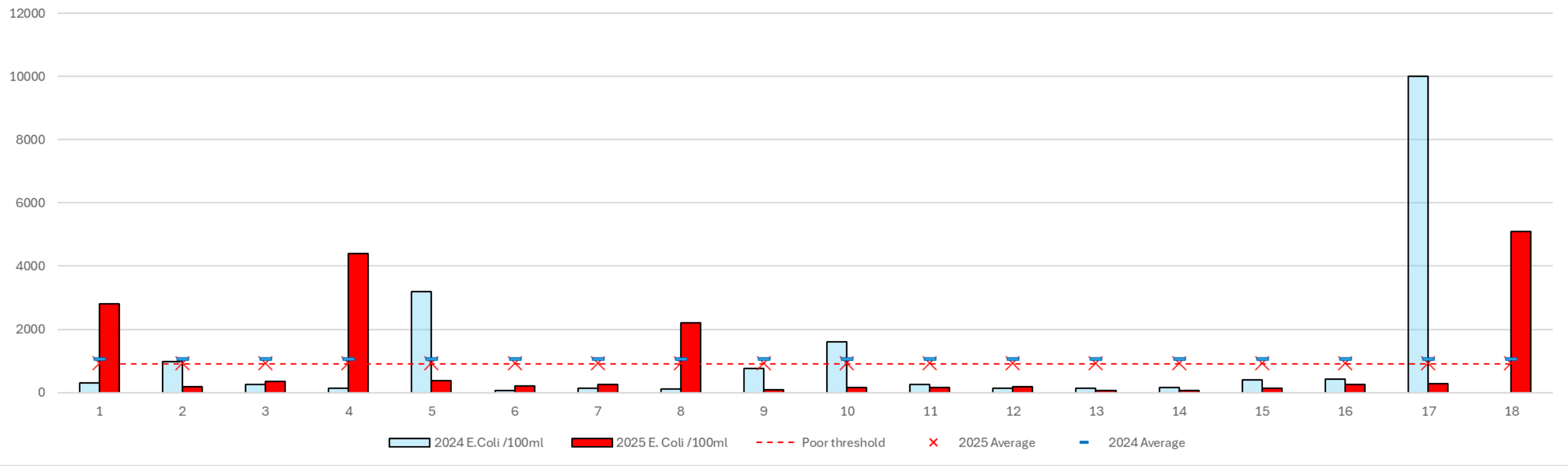
Statutory Bacteriological Monitoring (*colonies / 100ml*) at the River Sever in Shrewsbury over the 2025 bathing season compared to rainfall
(*ml, Monkmoor Rain Gauge*)



Statutory Bacteriological Monitoring (*colonies / 100ml*) at the River Sever in Shrewsbury over the 2025 bathing season compared to rainfall
(*ml, Monkmoor Rain Gauge*)

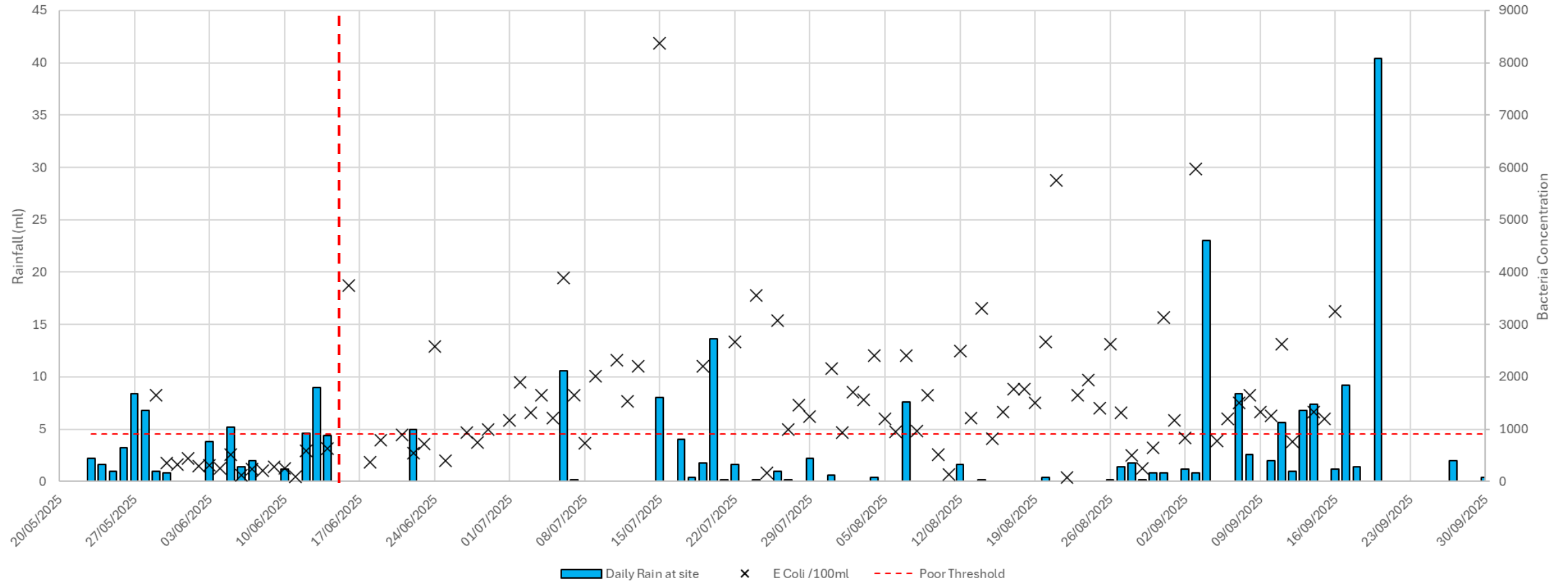


Comparison of 2024 and 2025 E.coli results (colonies / 100ml)

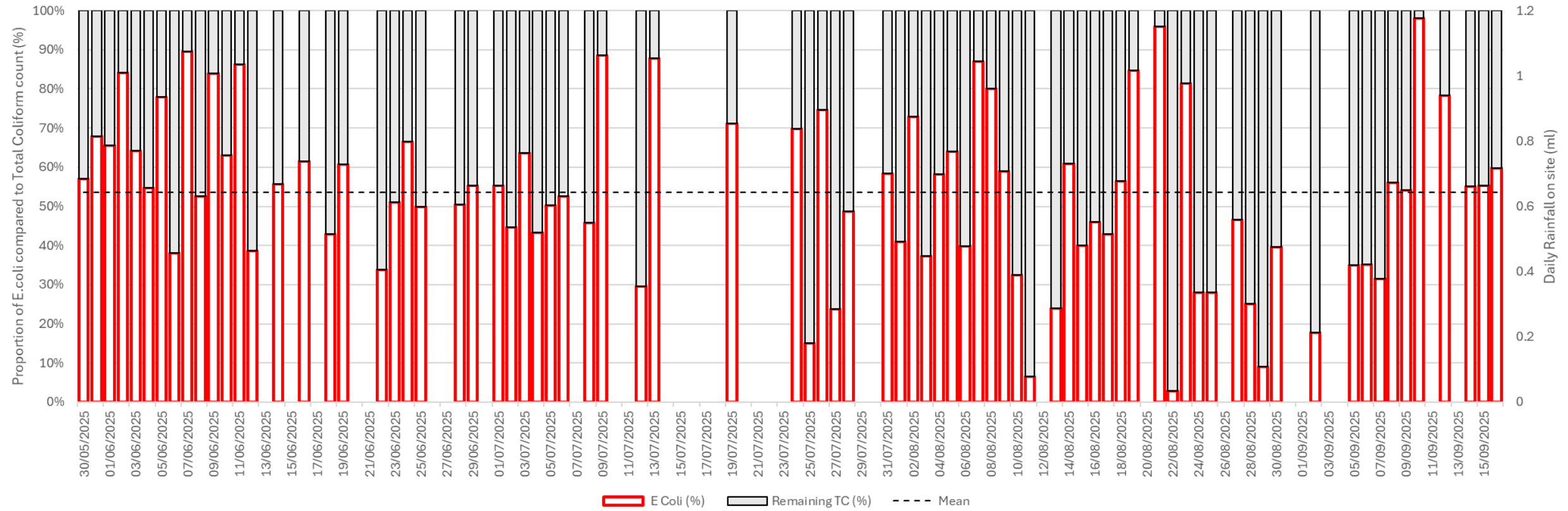


Bacteria type	Number of results	95%ile	90%ile	Likelihood of worse than Poor (approx.)	Bathing Season total rain (at site, ml)
E. coli (2025)	20	3104	1914	20%	262
E. coli (2024)	18	3167	1955	20%	465

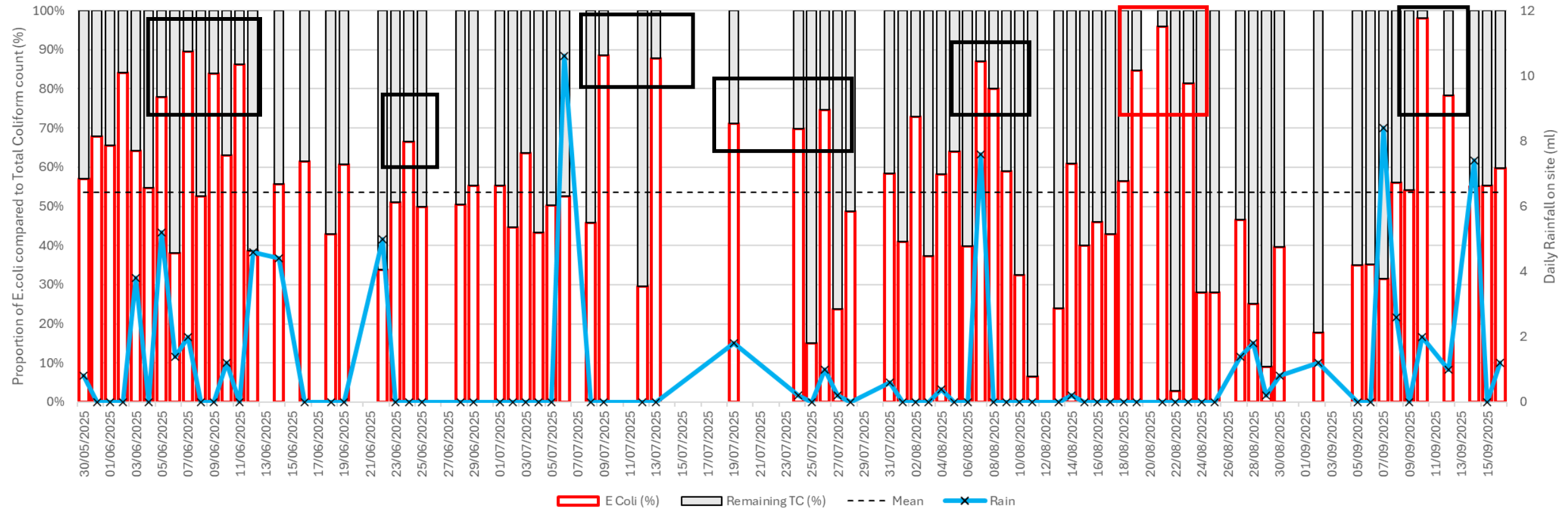
Shrewsbury Monitoring Project results (E.coli) against Rainfall (ml)



Proportion of *E. coli* within Total Coliform count (2025)

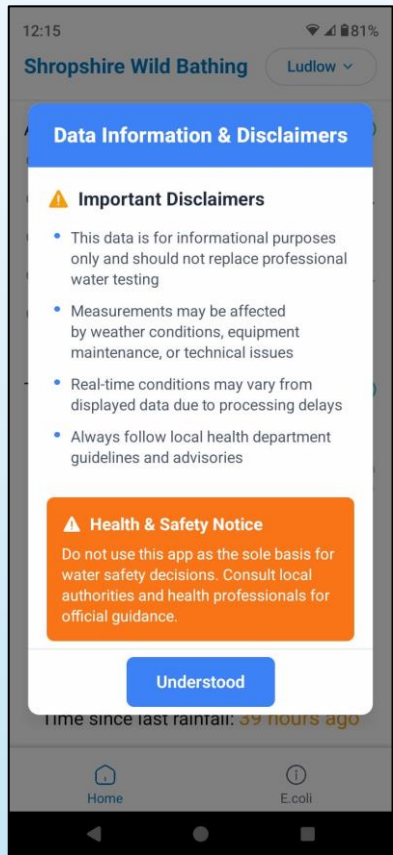


Proportion of *E. coli* within Total Coliform count (2025)

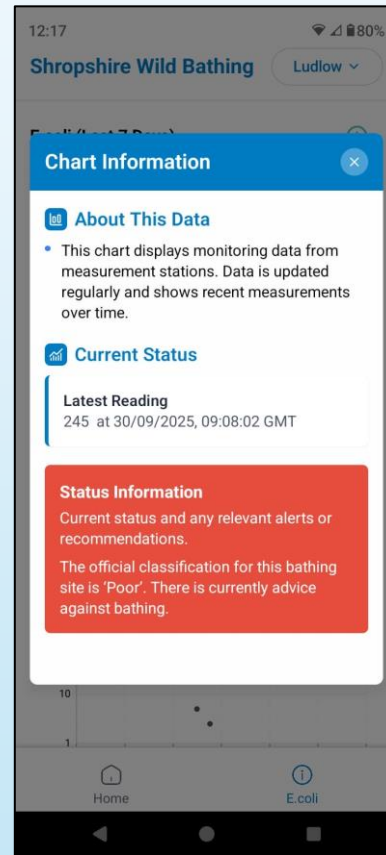
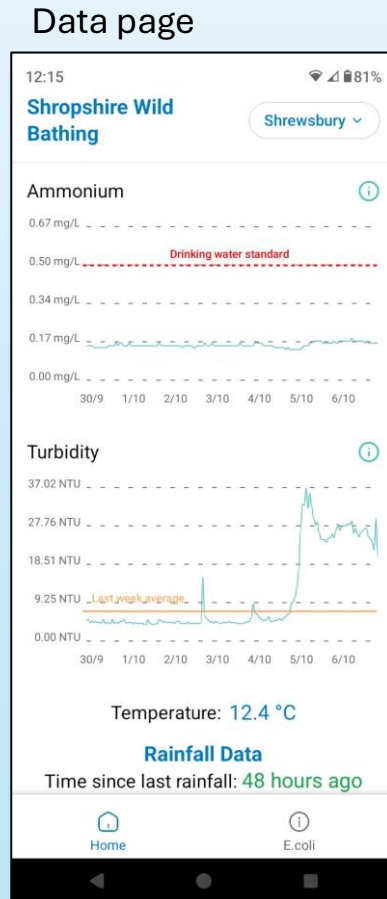


Shropshire Wild Bathing App

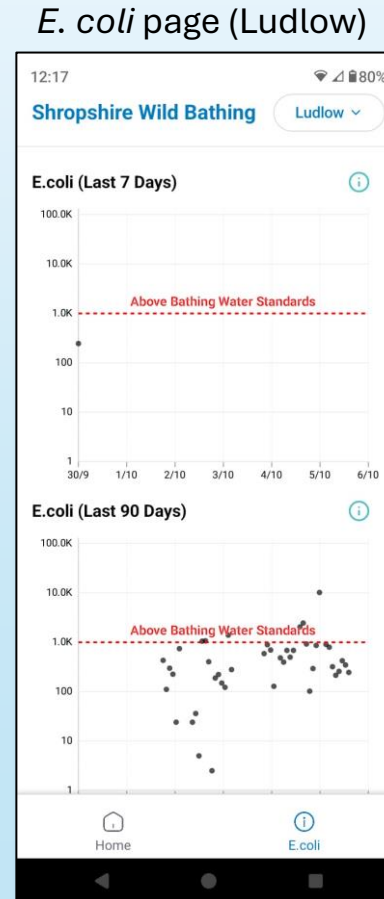
Downloads:
 iOS: 943
 Android: 359
Total: 1302



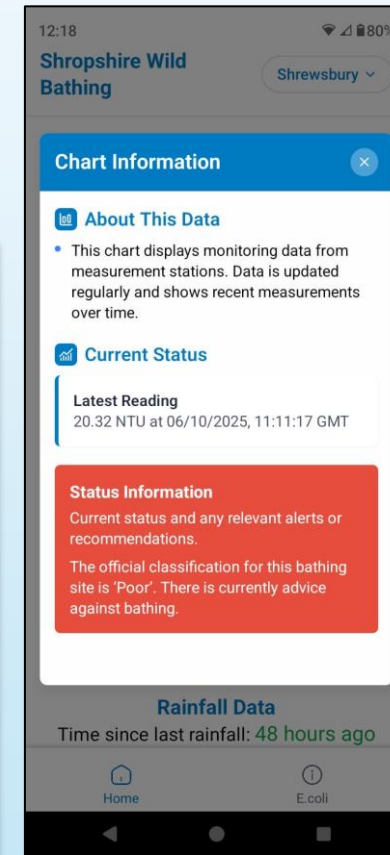
Front page



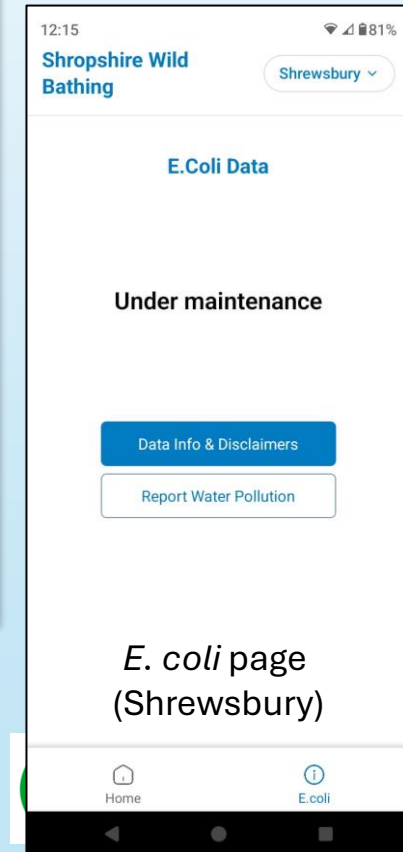
Data Explainer page



E. coli page (Ludlow)



E. coli Explainer page



E. coli page (Shrewsbury)

Initial Project conclusions

- Official classification of 'Poor' is **supported** through project results
- Rain appears to impact % *E. coli*, but **less** impact on the concentration
- Temperature increases the **range** of results
- Ongoing work to validate results across techniques
- Shropshire Wild Bathing app
 - Well received (1300+ downloads)
 - Continues to provide daily insight to the public

Future costs (2026)

- **Not yet secured for 2026 bathing season**
- Approx. monthly costs (based on 2025):
 - Bacterial Reagents = £1151
 - Bacti sensor rental = £4300
 - WQ freshwater sensor rental = £1800
 - Personnel cost = £1800
- Personnel hours
 - 1 or 2 staff
 - 1 visit / week
 - Approx. 15-30min / visit
 - Training available

Any Questions?