

Winniford River Action Group - Report to CROWD for 23rd June 2023

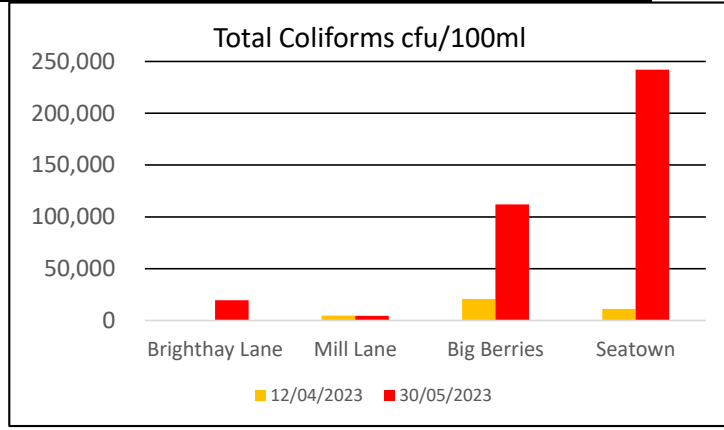
Summary of activities

1. Presentation made to Chideock Village Meeting 26th April. Wessex Water (Andy Mears) also presented, focussing on the Water Recycling Centre.
2. Application made for a grant from Wessex Water, which will be necessary to continue testing. This has necessitated formalisation of WRAG and setting up a bank account.
3. CSI and bacteriological testing continue; see below.

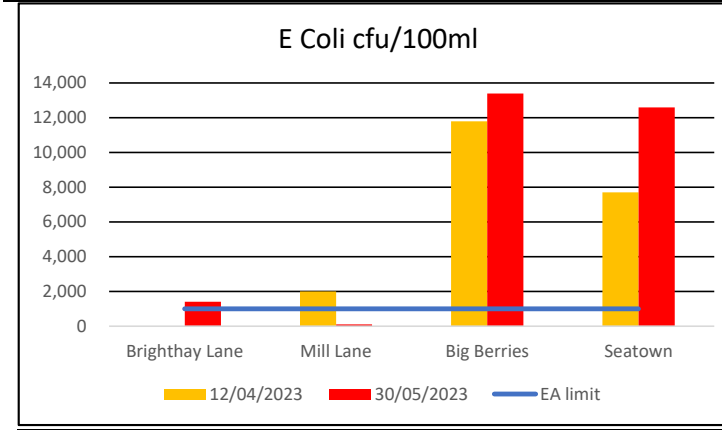
Testing

	<p><u>Testing points</u></p> <ol style="list-style-type: none"> 1. Brighthay Lane, North Chideock 2. Mill Lane, Chideock (upstream of WRC) 3. Adjacent to “Big Berries” field (downstream of WRC) 4. Seatown (upstream of where the lagoon forms) 	<p><u>Wessex Water facilities</u></p> <ol style="list-style-type: none"> A. Chideock Water Recycling Centre B. Seatown pumping station
	<p>When the first tests were performed on 12th April 2023 the weather was poor, and a storm overflow was in progress at Chideock WRC. It would be too easy to blame the high levels of bacteria solely on the WRC, but this would not explain the high level upstream of the WRC.</p> <p>The tests on 30th May were conducted following a period of settled weather, with no overflow from the WRC in progress. Surprisingly high levels of bacterial pollution were detected. Wessex Water has assured us that the UV treatment equipment at Chideock WRC was functioning correctly.</p> <p>It therefore seems highly likely that bacteria (and phosphates) are entering the river from other sources. Candidates are:</p> <ul style="list-style-type: none"> • The Pettycrate stream that flows from Langdon Hill • A stream from the east, which passes a caravan park on Doghouse Lane • Lake Frances <p>Further work will be undertaken to investigate these and other sources.</p> <p>Notwithstanding the Environment Agency’s response to our question about the Winniford, their co-operation in investigating this would be greatly valued – as would assistance or information from other bodies or individuals.</p>	

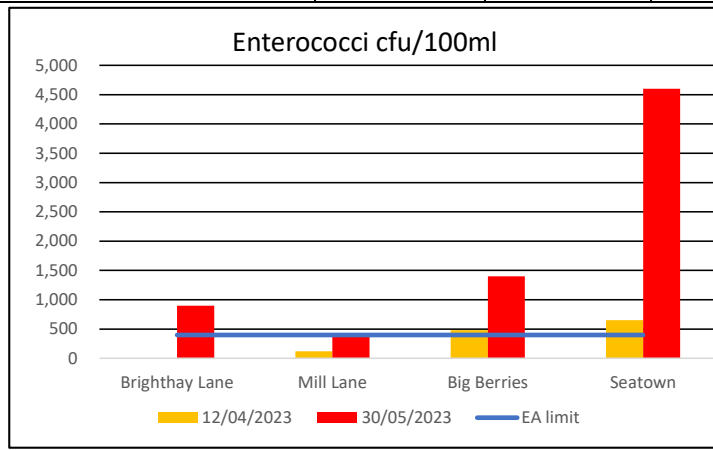
Total coliforms cfu/100ml	12/04/2023	30/05/2023
Brighthay Lane		19,600
Mill Lane	4,700	4,500
Big Berries	20,700	112,000
Seatown	11,200	242,000



E.coli cfu/100ml	EA limit	12/04/2023	30/05/2023
Brighthay Lane	1,000		1,400
Mill Lane	1,000	2,000	100
Big Berries	1,000	11,800	13,400
Seatown	1,000	7,700	12,600



Enterococci (cfu/100ml)	EA limit	12/04/2023	30/05/2023
Brighthay Lane	400		900
Mill Lane	400	120	400
Big Berries	400	480	1,400
Seatown	400	650	4,600



Phosphate (ppb)	Limit	12/04/2023	03/05/2023	01/06/2023
Brighthay Lane	100	50		0
Mill Lane	100	75		0
Big Berries	100	300		500
Seatown	100	200	300	1,000

