



Welcome to the Ticknall Taps Topper Trail and Quiz. This has been designed and made by members of Ticknall22 Women's Institute as part of this year's campaign by the national federation of WI's - Clean Rivers for People and Wildlife. At local, regional and national level we are joining with other organisations and individuals acting to push how much we all need and want clean rivers and healthy clean water for all life.

Here in Ticknall we are using our local resources - the Grade 2 listed taps or water pumps that provided water for villagers until the 1960's when all homes then had piped running water - to be the focus. We're using the many skills of our WI members and other villagers - imagination, knitting, crochet, sewing, scarecrows, writing fun facts and designing a quiz that we can all enjoy and learn. And creating a unique installation at each of the 14 Taps, 3 scarecrows and 2 springs!

We'd love it if you love all our creations, if you have fun finding and seeing them and learning about and thinking about all the ways water affects our world. And maybe you've learned about how each of us can help keep rivers clean for people and animals.

From Ticknall22 WI, our friends and our supporters.

The Staff of Life pub, on High Street, will be open each day of the trail except Monday. Drinks or lunch can be bought from 11 am for hot drinks, and lunch from 12 noon. Children and dogs are welcome.

**Acknowledgements and thanks for support for the project**

All members of Ticknall22 WI and especially all those who have used their time and skills to get the message across so effectively.

Bronwen, Nora and Margaret for their expertise, support and contribution to ideas & skills.

Ticknall Village Hall - Ticknall Parish Council - Ticknall Preservation & Historical Society - Dame Catherine Harpur School, Ticknall

Harpur Crewe Estate - Ticknall villagers for their support and patience - Roger Filler - Trent Rivers Trust -

Jayne and John, Staff of Life - DFWI - Derbyshire County Councillor David Muller Community Fund

## THE WOMEN'S INSTITUE

### 'CLEAN RIVERS FOR PEOPLE AND WILDLIFE' CAMPAIGN

#### Ticknall Toppers Fun Quiz.

- 1) Where do Kingfishers nest?
- 2) Who painted the Water Lillies?
- 3) What is the recommended shower time to save water and energy?
- 4) How many pairs of wings does a dragon fly have? And how many legs?
- 5) What is a tow float?
- 6) Where were Beavers reintroduced in summer 2021 in South Derbyshire?
- 7) What did the Owl and the Pussycat take to sea in their beautiful pea green boat?
- 8) What 3 things do you need to catch a fish?
- 9) What are the only things that should be put in the toilet?
- 10) What are frogs' eggs called? And what are they called after hatching?
- 11) What are the names of the Female & Male duck?
- 12) What is Swan Upping?
- 13) Which wetland plants name suggests a Bovine hurrying!!
- 14) Turtles have a beak and have no teeth, is this True or False

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This is the end of the trail, however there is a fisherman called Feargal waiting to have his photo taken with you! Just follow the road to Staunton Lane, sit on the bench with Feargal, ask him if he has caught anything?? He has a **Large** fish with a full tummy!

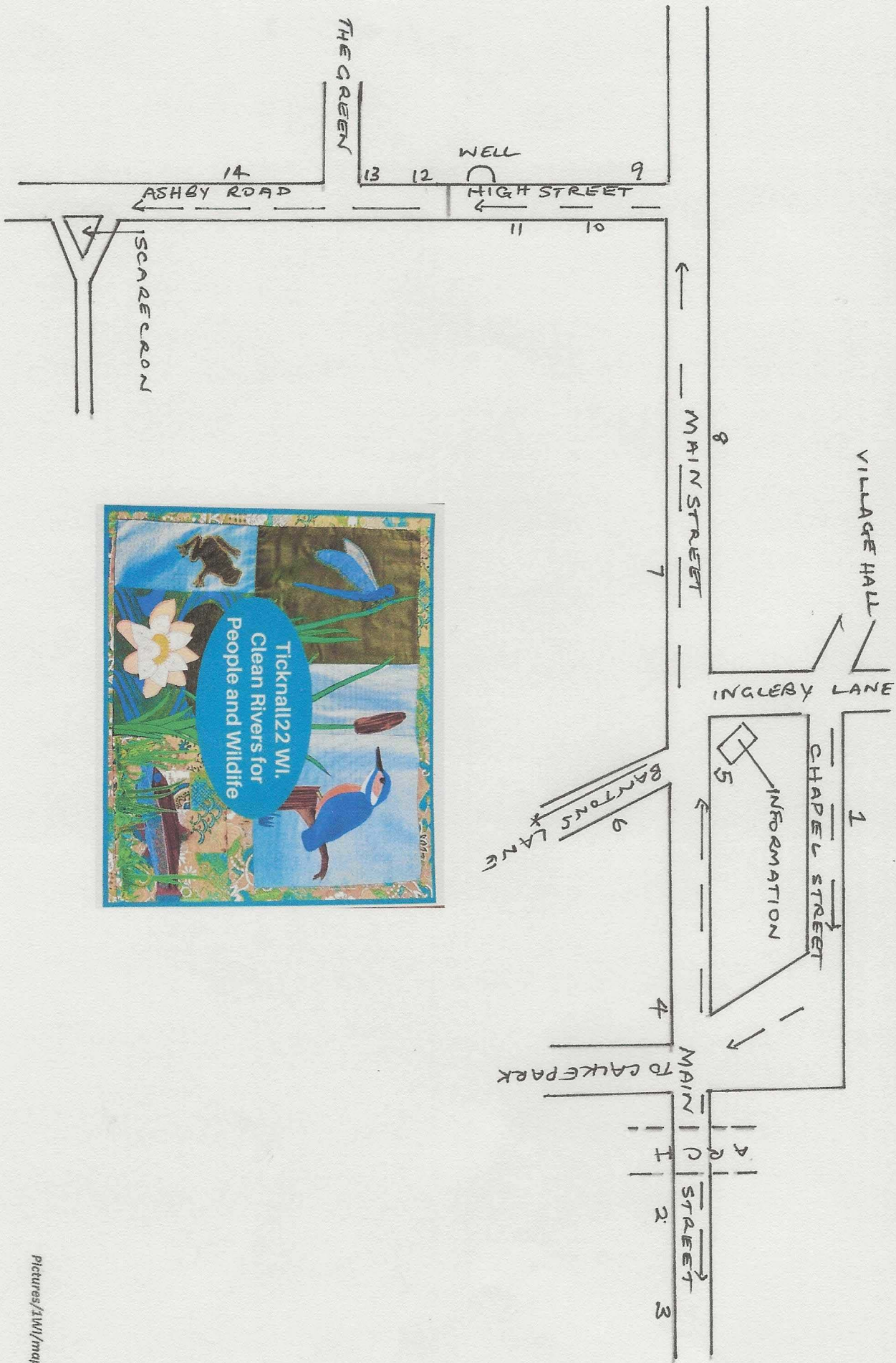
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Answers:

1) In a Burrow, 2) Claude Monet, 3) 4 minutes, 4) 2 pairs & 6 legs, 5) It is for visibility, and as a buoyancy support if you get tired when wild swimming, 6) Willington, 7) Some honey and plenty of money wrapped up in a £5 note, 8) a Hook, a Line, & a Sink, 9) Pea Poo & Paper, 10) Frog spawn & Tadpoles, 11) Female a Duck or Hen & The Male is a Drake, 12) The annual census of the Swan population on the river Thames, occurs every July, 13) Bulrush, 14) True.



Caution: Please be very careful when viewing the taps. Some are very near the road and the traffic is very fast. We recommend that you view Tap numbers 2, 3, 4 and 14 from the opposite side of the road.



## CLEAN RIVERS FACTS

TAP NO	FACT
1 - Kingfisher	Birds, insects and animals rely on clean water to survive, the chemicals in polluted water can be toxic, it can reduce their life span and their ability to reproduce. Water pollution is a threat to wildlife.
2 - Waterlilies	Water lilies and their foliage provide important benefits to the ecosystem in ponds by reducing light levels in the water which would otherwise encourage algae growth. <i>Source: <a href="https://worldofwater.com">https://worldofwater.com</a></i>
3 - Shower	The first shower was operated by a hand pump and was patented in England in 1767 by William Feetham
4 - Dragonfly	There were 389,000 discharges of raw sewage into UK waterways in 2022, equating to 2.4 million hours of pollution. <i>Source: <a href="https://sas.org.uk">sas.org.uk</a> - Water Quality Report 2022</i>
5 - Swimmers	75% of UK rivers pose a serious risk to human health. Over 39% of sickness reports after swimming have been linked to a sewage discharge in the area. <i>Source: <a href="https://sas.org.uk">sas.org.uk</a> - Water Quality Report 2022</i>
6 - Beaver	'As beavers go about their day-to-day life shaping the wetlands for their own benefit, they have a huge impact on the surrounding areas. By digging canal systems and damming water courses, they create diverse wetland areas and homes for other animals such as otters, water voles and water shrews'. <i>Source: <a href="https://www.derbyshirewildlifetrust.org.uk">Derbyshire Wildlife Trust</a></i>
7 - Boats	There are two local reservoirs - Foremark and Staunton. Reservoirs are used to supply water to our homes, but they can also be used for hydroelectric power, flood control, irrigation and recreation such as boating and fishing.
8 - Fish	'The launch of the 2022 Sewage Map has highlighted the prolific issue of sewage pollution in the River Trent and all of its tributaries. Every river in the Trent catchment is affected by the 30,638 spills lasting for a total of over 155,000 hours in 2022'. <i>Source: <a href="https://www.trent-rivers-trust.org.uk">Trent Rivers Trust</a></i>
9 - Toilet	The three P's - only pee, poo and paper down the toilet, if it's not one of the three Ps don't flush it, bin it!
10 - Frogs	Due to climate change and dry springs and summers it is often a race against time for tadpoles to turn into frogs before their seasonal ponds dry up. You can help frogs and other wildlife by having a garden pond. Follow the link below to see ten ways you can add water to your garden to help wildlife. <a href="https://www.wwt.org.uk/news-and-stories/blog/10-reasons-to-add-a-pond-to-your-garden/">https://www.wwt.org.uk/news-and-stories/blog/10-reasons-to-add-a-pond-to-your-garden/</a>
11 - Ducks	In 2018 the Government introduced the 'Farming rules for water' to reduce and prevent water pollution from agriculture. It covers fertiliser and the management of soil and livestock. <i>Source: <a href="https://www.gov.uk">www.gov.uk</a></i>
12 - Swan	Physical pollution like plastic bottles and tops, crisp packets, fishing lines and hooks can make their way into rivers. Animals and birds can become trapped and injured and micro plastics can become ingested. Plastic in rivers makes its way to the sea and each year kills 1 million sea birds.
13 - Flowers	'More than 18,000 outfalls, such as pipes, and about 7,700 soakaways managed by National Highways discharge rainwater potentially contaminated with heavy metals, hydrocarbons, microplastics and other chemicals from the main road network into rivers and on to land'. <i>Source: <a href="https://www.theguardian.com/environment/2023/oct/05/potentially-toxic-road-runoff-outfalls-polluting-england-rivers#:~:text=More%20than%2018%2C000%20outfalls%2C%20such,rivers%20and%20on%20to%20land.">https://www.theguardian.com/environment/2023/oct/05/potentially-toxic-road-runoff-outfalls-polluting-england-rivers#:~:text=More%20than%2018%2C000%20outfalls%2C%20such,rivers%20and%20on%20to%20land.</a></i>
14 - Turtle	Seven Trent have committed to protect and revitalise our rivers by launching their Get River Positive Pledges. There are - <ul style="list-style-type: none"> <li>• Ensure storm overflows and sewage treatment works do not harm rivers</li> <li>• Create more opportunities for everyone to enjoy our regions' rivers</li> <li>• Support others to improve and care for rivers</li> <li>• Enhance our rivers and create new habitats so wildlife can thrive</li> <li>• Open and transparent about our performance and our plans</li> </ul> An Independent Advisory Panel will meet once a quarter to monitor progress towards fulfilling the pledges. <i>Visit <a href="https://www.stwater.co.uk/get-river-positive/">https://www.stwater.co.uk/get-river-positive/</a> for more information</i>