# Ilkley Bathing Designation Pollution

2023



## The Context

- That water companies poured raw sewage into rivers and seas 372,544 times in 2021, for 2.6m hours; 301,000 times in 2022 for 1.75m hours (drought year
- Public concern about our rivers being treated as open sewers
- We (the public) thought we were paying for our sewage to be treated!
- All of our rivers are polluted, with only 16% meeting the criteria for good ecological status and none
  meeting the criteria for achieving good chemical status
- The target date for 75% of English rivers to be rated as good is now 2063 that's 40 years away
- Water company rationale is that 'spilling' sewage into rivers stops household flooding
- Often they refer to the Victorian sewage system
- That's OK for extreme weather but not day to day practice, and we believe it is illegal
- Britain has repeatedly been non-compliant with legislation since privitasation



## **Public Action**

- The thousands of people making and **signing petitions**: Make reducing sewage pollution a legal requirement (155,606 people signed in 2023); Ban raw sewage discharges (111,428 in 2021); End sewage Pollution (44,689 in 2021); Stop dumping sewage into rivers (77,500) along with many local petitions e.g. To United Utilities to top dumping raw sewage 33,290; Brighton and Hove to Southern Water 'Stop the dump' 1,648, River Usk 1612, River Avon at Bristol 5,257, Save Windamere 260,000. Renationalise the Water Industry, currently 208,000
- The hundreds of self-funded communities that are testing and monitoring the quality of the
  water using citizen science, including 120 angling clubs covering 85 rivers across 38 catchments;
  communities along the whole stretch of the Wharfe; 22 sites on the River Yeam; the river Kent from
  Staveley to Sedgwick; The Big Windamere Survey; 23 rivers with volunteers testing in Smart River
  Hubs.
- The 2 local communities who secured **Bathing Status** for their Rivers in 2021, the 6 who applied in 2022, the 24 (so far) who are applying this year, and the 50+ who are planning to apply next year



# The money

- That water companies have accrued £54 billion debt since privatisation and that we pay on average 20% of our bill towards servicing water company debt and rewarding shareholders
- Water companies have been paying CEOs over £1.5 million in salaries per head, paying dividends internally and externally, servicing huge debts, and not investing enough in the sewage system to upgrade from a Victorian system to a 21C system. No other industry in the UK has been so lapse.

Water Industry Dividends since privatization = £72 billion



# The Story in Ilkley



### It starts with children being sick and multiple sightings and reporting of foul discharge into the river

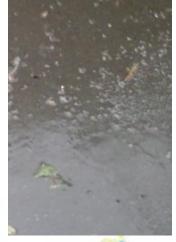


SAT 16:21

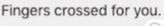
Hi Karen my daughter became very ill after swimming in the river at Burley back in July !!! She vomited over and over and over to the point it was every half an hour !!! This then led to her not going into school for 3 days and the upsetting bit was it was the last week of year 6 which meant her missing out in a trip that the teachers had planned as a surprise just got the year 6's !!! It's awful what has been put into the river I think your doing a great job bringing this to light

You accepted Helen's request.

I'm appalled at how many responses I've had from this. Thankyou for getting back to me, this will all help to strengthen our cars to help sort it out.









## The Problem

Closure
Addingham Climate
plant change

Rainfall

Building Runoff

More people

Raw sewage is being discharged into the river when it rains

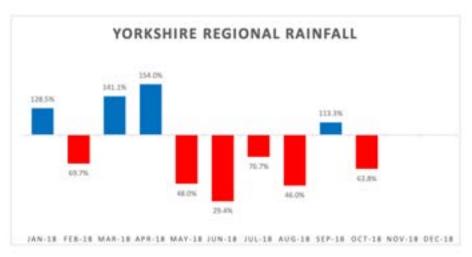
Because of the volume of water coming into the sewage works

Or because the 'storm tanks' are full

And the limit at which this discharge is legal was set 20 years ago for storm conditions



# Raw Sewage Discharges every 3 days (data from Yorkshire Water) – so they knew......



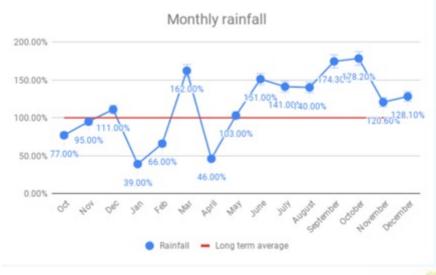
2021-22 1252.75 hours over 146 days of the year

# 2018 - 123 days of sewage discharges

Figure 4.1: 2018 Regional rainfall as percentage of long term average (1961-1990 LTA)

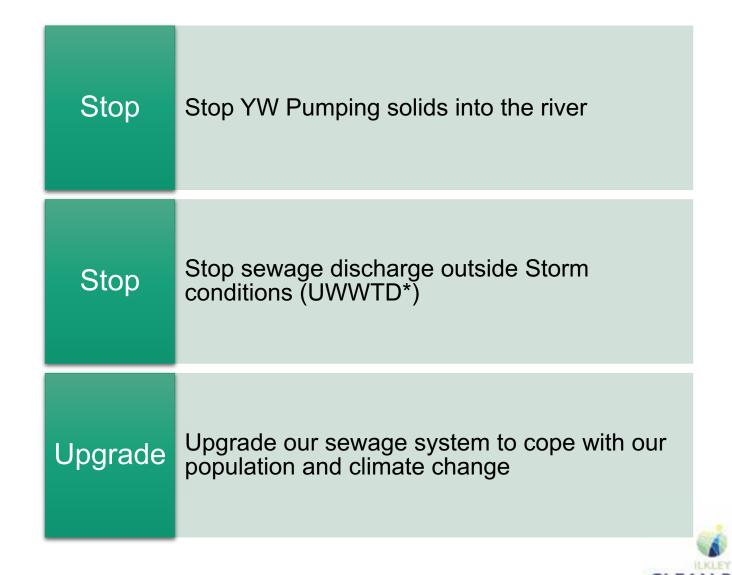
2020 – 120 + days of sewage discharges

2019 - 114 days of sewage discharges





# Ilkley Clean River Group 3 Objectives



<sup>\*</sup> Urban Waste Water Treatment Directive

# Timeline

2019

2<sup>nd</sup> Town Meeting July 2019

Collaborate on understanding sources of pollution – iWharfe set up with YW, Rivers Trust, EA, Addingham Environment Group 2020

3<sup>rd</sup> Town Meeting Feb 2020 National consultation on our BS application

Bathing Status application – awarded December 2020. The first BS river in England

> Local Media

**National** 

Media

2018

Reporting Incidents

Citizen Science Testing at Ilkley

Get the media interested

Hold agencies to account in Town Meetings with media present

Decide to apply for bathing

More Testing and meet with national EA CEO James Bevan to show the data

He says we are right – the problem is proven and needs action

Apply for BS (counting summer 2019, application submitted Sept 2019)



# 3RD TOWN MEETING 20TH FEBRUARY - OUR FIRST SUCCESS

Ilkley Town Meeting last night heard the welcome news from Yorkshire Water that rather than wait 5 years to investigate the solutions for Ilkley, they will start this year, and then move to implementation directly. We heard Richard Emmott, Director of Corporate Affairs said:

"It would be daft for us not to investigate.", "Rivers are changing and we need to respond.", "There is a will to get it done."

Richard said it would take a couple of weeks to firm up their position. The ICRG have written to Richard today for a timeframe, and clarity about what they will do. See the video from the meeting.





## Timeline

2021

EA tests at Cromwheel only one section of our application

Bathing Status First Year Count shows no additional visitors as a result of BS

Citizen Science Testing at Spicey Beck - to show source of pollution

Appear at Ofwat Board Seminar.

Appear at multiple agency Conferences

Visit by Ofwat CEO and Chair, EA Chair. Meeting between YW, Ofwat, EA, our MP, Town Council to agree way forward including upgrades to CSO in BS area

Witness at Environment Audit Committee UK parliament to give evidence and submission

Ilkley River assessed as Poor Water Quality upstream of STW

EA promises a permit review by December (it never happens)

Environment Bill - our MP votes with the government and against our advise. We write to all MPs providing a briefing. Our MP stops communications with likley Clean River Group and we have to write to Rebecca Pow to sort it out

Sewage will flow into Ilkley river until at least 2030, says government

> Yorkshire campaigners dismayed at Environment Agency's reaction to evidence of waste discharged into River Wharfe

Swimming in sewage: Ilkley River Wharfe in Yorkshire is most MPs call for bathing rivers acr England as part of anti-polluti polluted bathing site in England, data reveals

Water companies should each designate one area as fit fo On sunny days, hundreds of people are known to swim in the popul 2025, says environmental audit committee in highly criti river but samples collected by the Environment Agency found it regularly has dangerously high levels of bacteria



Ilkley River Wharfe bathing site gets 'poor' water quality rating

Agree Signage to go up

Application Area

warning of pollution (it didn't so ICRG put it up) Agreed to act across whole Bathing

River Wharfe at Ilkley: Bathing waters 'not tested in right place'





The River Wharfs is a popular padding and liathing site

Jack and Patrick walk likley to London Litter picking and fundraising for ICRG



Town meeting to

account

Sewage pours into wild swimming hotspot

River Wharle near Bidey polluted by untreated sewage this week from Yorkshire

months after bathers were warned away

review progress and hold agencies to

# Timeline

2022

Bathing Status Classification Poor. Signs changed to include reference to sewage pollution

Signs finally go up that sat there is sewage in the river

YW puts in new grills at the upstream CSO improve upstream CSOs

and publishes plans to

Call for better signs as children fall sick after pollut river swim in Ilkley





Clean Rivers.

River Wharfe bathing spot contaminated by sewage



YW provides plans for

take sewage away from the upstream BS

section and starts work

to Othis Bulgard, companyon common accommon

new large sewer to

in early 2023 at the cost of £11M

17 happed SEED 14 Dispose

EA has still not provided a permit review for likley STW

The llkley group supports multiple bathing site applications collaborating with SAS, and supports campaign groups with water testing.

### Sewage will flow into Ilkley river until at least 2030, says government

Yorkshire campaigners dismayed at Environment Agency's reaction to evidence of waste discharged into River Wharfe





## Timeline

2023

Work starts on the 'super sewer' for likley to clean up the upstream section of the bathing site.

Our Troubled River Documentary features the Ilkley campaign

Application goes in in March 2023 for Ofwat accelerator to secure no more than 10 sewage discharges into the bathing site. In principle this is approved at £71M upgrade of STW at likley and storage capacity at Addingham

Philanthropic funding secured to support campaign groups nationally with the costs of lab testing. All groups use the ICRG water testing protocol and are supported by ICRG in terms of their strategy

Public Declaration published with a coalition of leading campaign groups

FOIs submitted on h=behalf of all failed applicants for bathing Status to secure better guidance and clarity of decision-making from Defra

Member of the group are receiving national awards for their work leading the river campaign,.

Defra issues new BS guidance. At last the threshold is known

working with us to test the source of and impact of pollution in the Wharfe microplastics, nutrients and impact of treated sewage

Multiple Universities now

Whitstable SOS, Surfers against sewage, River Action

### **Public Declaration for** Rivers and Seas

### Yorkshire Water boss apologises over sewage being pumped into rivers

ENVIRONMENT KALLEY

### We care deeply about our rivers and seas.

100+ local campaign groups

are now being supported by

ICRG in collaboration with Wild Fish, Windrush Against Sewage, Save Windermere,

Water companies must comply with, and regulators must regulate according to the 1991 Water Industry Act and the 1994 Unban Waste Water Treatment Regulations which require all sewage to be treated. and for storm overflows twhich discharge raw rate in truly exceptional

generations. This is our declarations

Step pollution for profit.

Declaration

Make our workers healthy and rafe again.

Our rivers and seas should be protected for nature, for ourselves and for future

- Action now not targets sometime.
- . Regulation that protects the victims, not
- . Now it's time for the polluters to pay

### Environment

### Paul Whitehouse 'angry' with sewage pollution in Yorkshire river popular with swimmers

Yorkalativ Water said it is writing to reduce the amount of sewage that is pumped. into the River Wharfs, after it was criticized during a BIC documentary.





### New sewer to halve river discharges, Yorkshire Water says



### Second phase of new Ilkley sewer begins





# What we have achieved

# **Bathing Status**





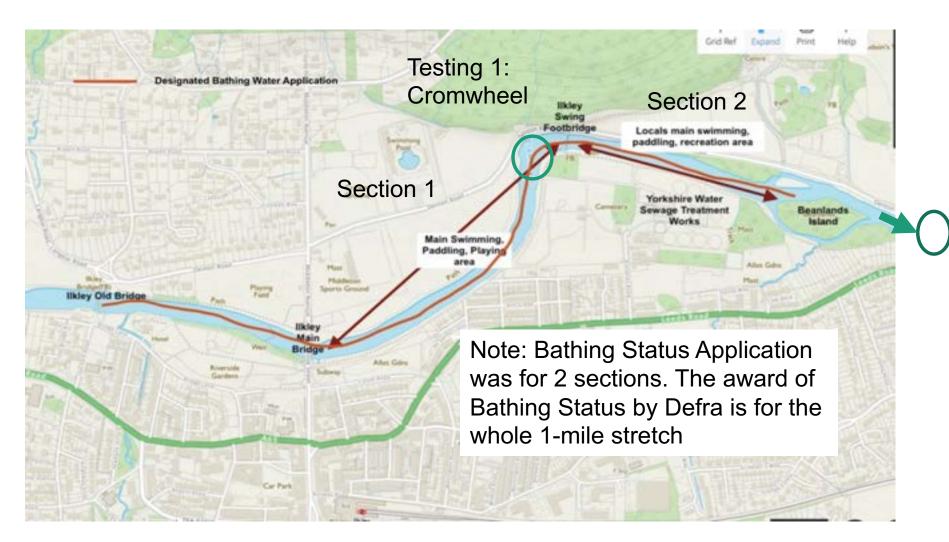
# The Bathing Season 15 May to 30 September.



Our Bathing
Application
demonstrated that
on hot sunny days
over 1000 people
use the river at Ilkley
for recreation



# **Ilkley Bathing Designation**

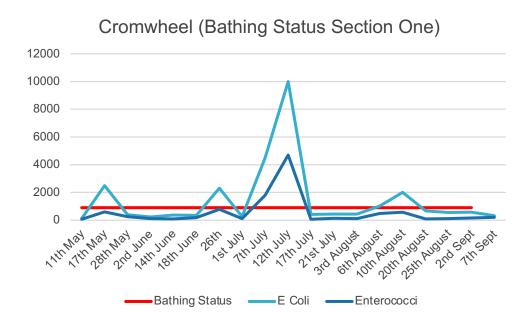


Testing 2: Stepping Stones below the designation.

Note the EA has always had (investigation) in its title for this site to make it clear it is not a classification point. Even though our application for designation was for the whole stretch, and our agreement (chaired by Ofwat) in June 2020 was that the whole stretch would be approached in the spirit of the application.

# Bathing Status Data 2021

Wharfe at Ilkley Bathing Status Section One Main Bridge to the Swing Bridge 'Cromwheel' testing site

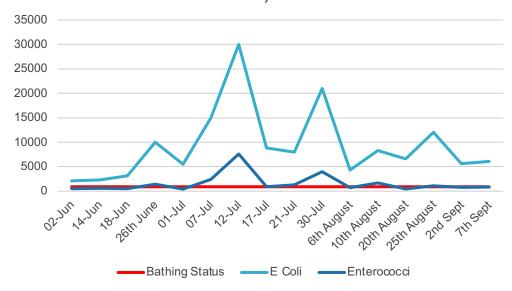


### Section 1 data (Cromwheel)

https://environment.data.gov.uk/bwq/profiles/profile.html?\_search=Ilkley&site=uke1200-08901

Wharfe at Ilkley Bathing Status Section Two Swing Bridge to Beanlands Island 'Stepping Stones' testing site

Stepping Stones Ilkley (Bathing Status Section 2)



### Section 2 data for Beanlands

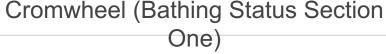
here <a href="https://environment.data.gov.uk/bwq/profiles/">https://environment.data.gov.uk/bwq/profiles/</a> profile.html? search=Ilkley&site=uke1200-08902

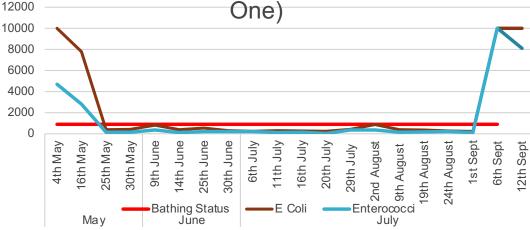


Note Sufficient water quality for paddling, playing and swimming id 900cfus (red line on graphs)

# Bathing Status Data 2022

Wharfe at Ilkley Bathing Status Section One Main Bridge to the Swing Bridge 'Cromwheel' testing site





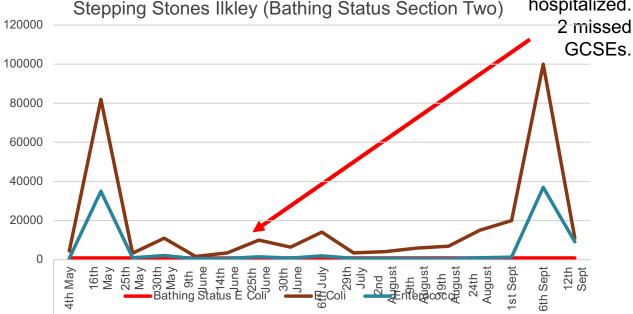
Note scale to 12,000

### Section 1 data (Cromwheel)

https://environment.data.gov.uk/bwq/profiles/profile.html?\_search=Ilkley&site=uke4100-08901

Wharfe at Ilkley Bathing Status Section Two Swing Bridge to Beanlands Island 'Stepping Stones' testing site

kids sick. 2
s Ilkley (Bathing Status Section Two) hospitalized.



Note scale to 100,000

### Section 2 data for

**Beanlands** <a href="https://environment.data.gov.uk/bwq/profiles/">https://environment.data.gov.uk/bwq/profiles/</a>
<a href="profile.html?\_search=llkley&site=uke4100-08902">profile.html?\_search=llkley&site=uke4100-08902</a>



19th June. 8

Note Sufficient water quality for paddling, playing and swimming id 900cfus (red line on graphs)

# Note re stepping stones

"This site is not a designated bathing water and will not be given a water quality classification. Samples are being collected to provide water quality information to the public."



# Sewage in water - a growing public health problem

"storm overflows act as a safety release valve but were intended only for exceptional circumstances when the public would be unlikely to be using rivers.

After the Environment Agency required the water industry to install monitors on overflows, data shows that their use is now not exceptional. In some cases, up to 200 discharges a year are occurring. This is obviously unacceptable on public health grounds. Whilst zero discharges are technically achievable the cost of this may not be justified; to reduce the frequency down to genuine storms should however be a minimum expectation. It certainly is the expectation of the great majority of the public, including those who do not themselves use rivers recreationally as measured by polling data. Nobody wants a child to ingest human faeces."

A joint opinion piece from Professor Chris Whitty, Chief Medical Officer for England, Jonson Cox, Ofwat chair and Emma Howard Boyd, Environment Agency chair.



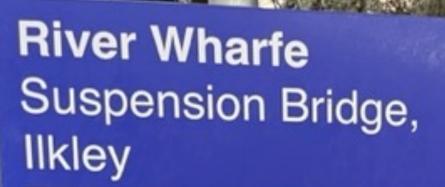
# Signs

• The section of the river located downstream of the suspension bridge is currently contaminated with sewage, and Bathing Water compliance monitoring is not carried out along this section. This part of the river is located downstream of regular untreated discharges from Ilkley Sewage Treatment Works. You are advised not to enter the river for any reason, e.g. paddling, swimming etc, until further notice.

And also to put up signs downstream of the river up to Beanlands island with similar wording:

 This part of the river is located downstream of regular untreated discharges from Ilkley Sewage Treatment Works. You are advised not to enter the river for any reason.





Poor Water Quality The most recent classification is Poor. based on samples taken from 2021



Bathing is not advised











### River Wharfe water quality below suspension bridge, Ilkley

The section of the river located downstream of the suspension bridge is currently contaminated with sewage, and Bathing Water compliance monitoring is not carried out along this section. This part of the river is located downstream of regular untreated discharges from Ilkley Sewage Treatment Works. You are advised not to enter the river for any reason.

For more information the full details for this stretch of water, its catchment, information on all potential pollution sources and how they are managed can be viewed on the environment agency website or by scanning this QR code.

https://environment.data.gov.uk/bwg/profiles/profile.html?site-uke1200-08901







# What We Have Achieved Water Testing



Citizen Science Protocol for River water testing (EA approved)

Full picture of water quality at Ilkley and first whole river source to end water testing.

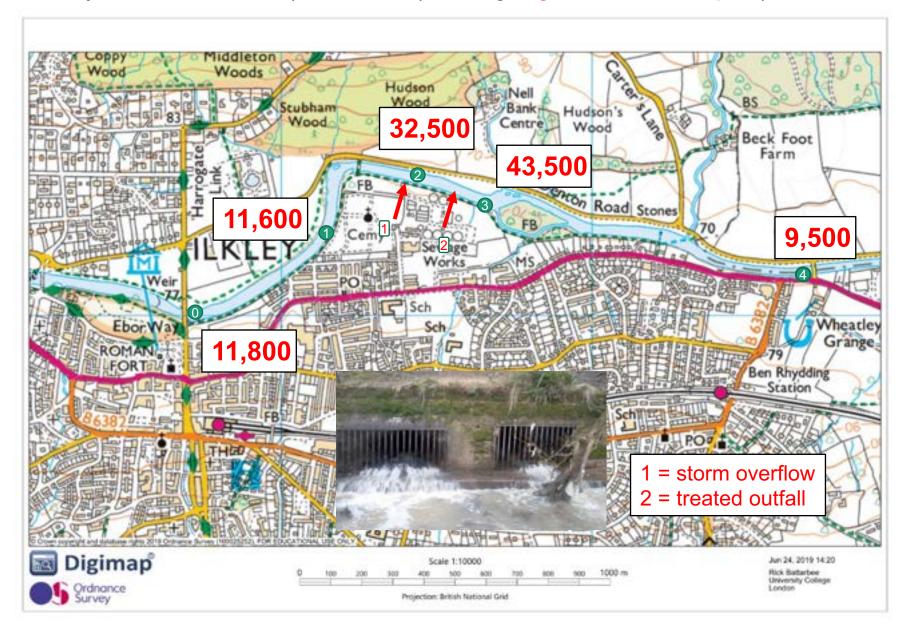
Citizen lead investigation of pollution sources to drive the solutions at Ilkley

Supporting campaign groups with testing and securing funding for 10 new campaigns

The most tested river in England with multiple University projects now in progress from microplastics to nutrients



### Ilkley Wharfe: E. coli (cfu/100 ml) during high flow and a spill (13th June 2019)

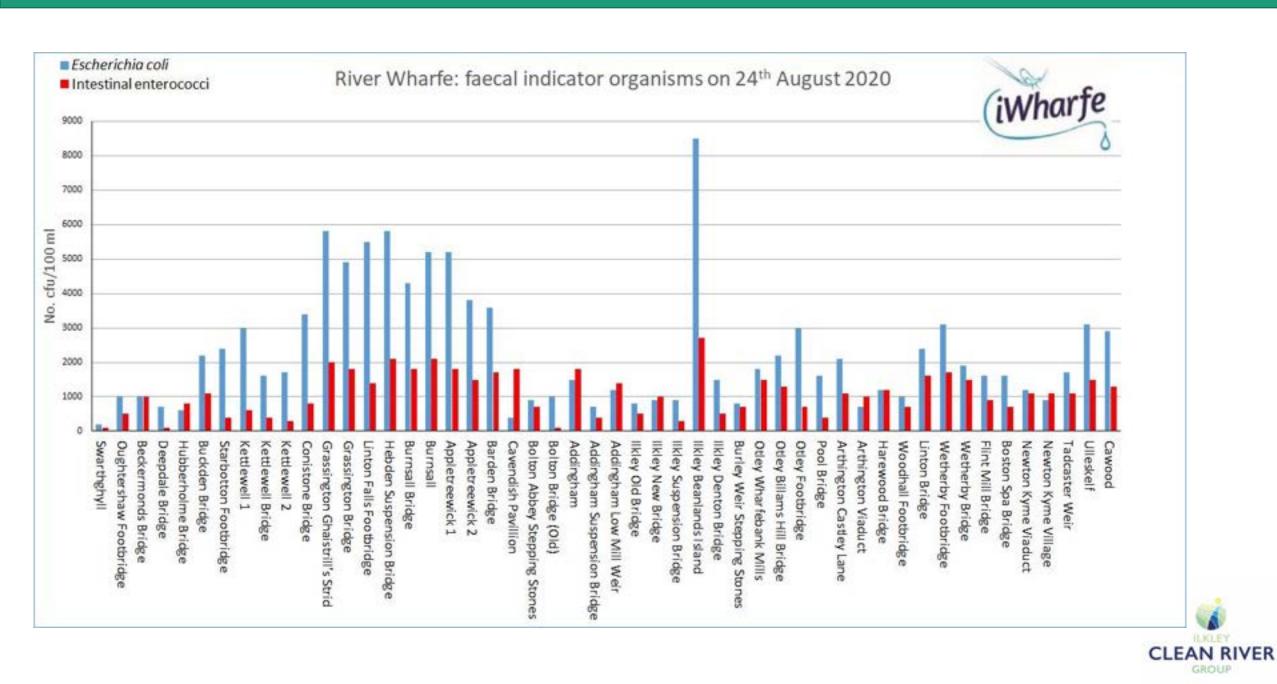


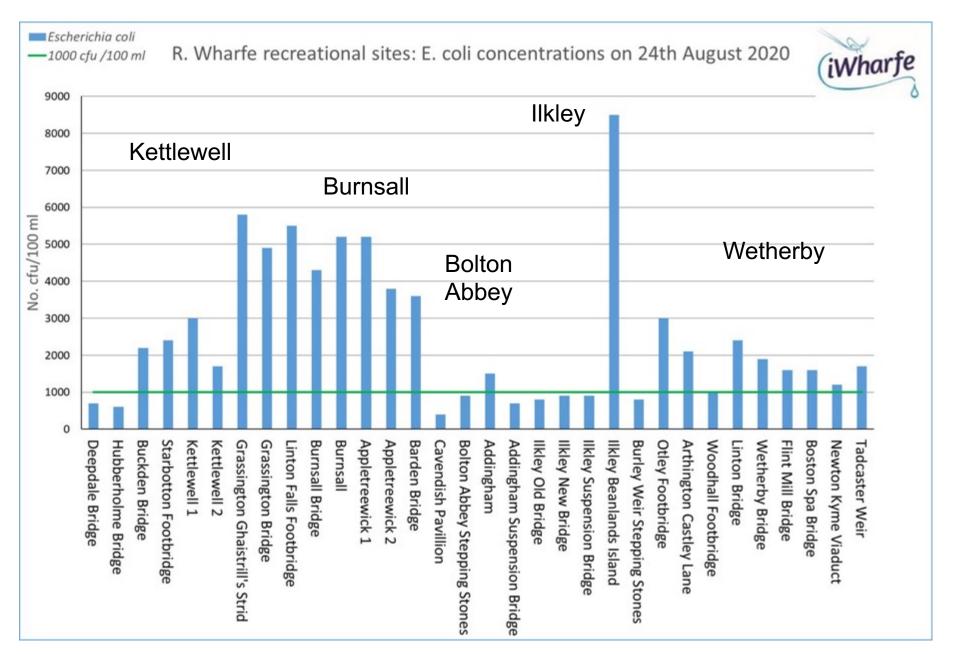


### Ilkley Wharfe: E. coli (cfu/100 ml) during low flow (10th July 2019)





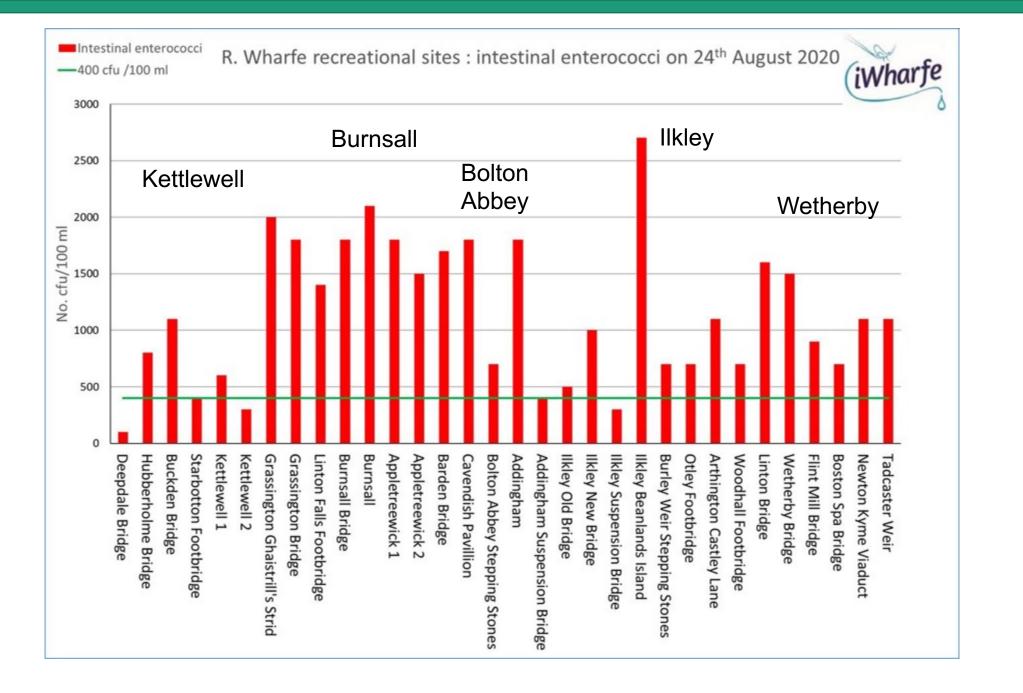




32 popular bathing beaches, were included in the sampling programme.

On the day in question most had concentrations of faecal bacteria above the limit considered safe for swimming







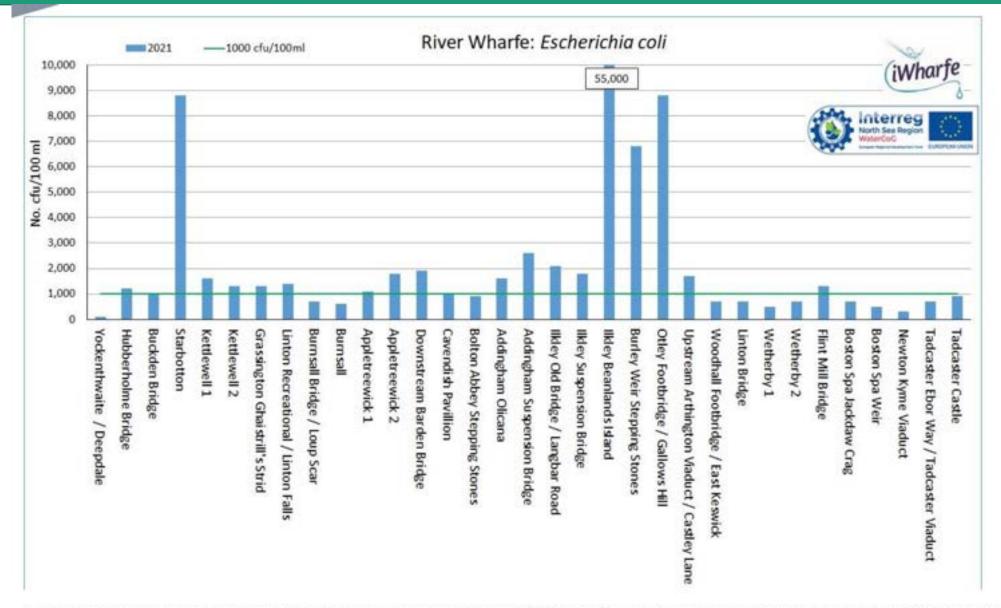


Figure 2. E. coli concentrations for recreational sites (or closeby proxy site) on August 23<sup>rd</sup>, 2021. The horizontal green line represents the upper boundary (1000 cfu/100 ml) for a good quality bathing water were this value to be the 95 percentile of a series of samples taken across the bathing water season



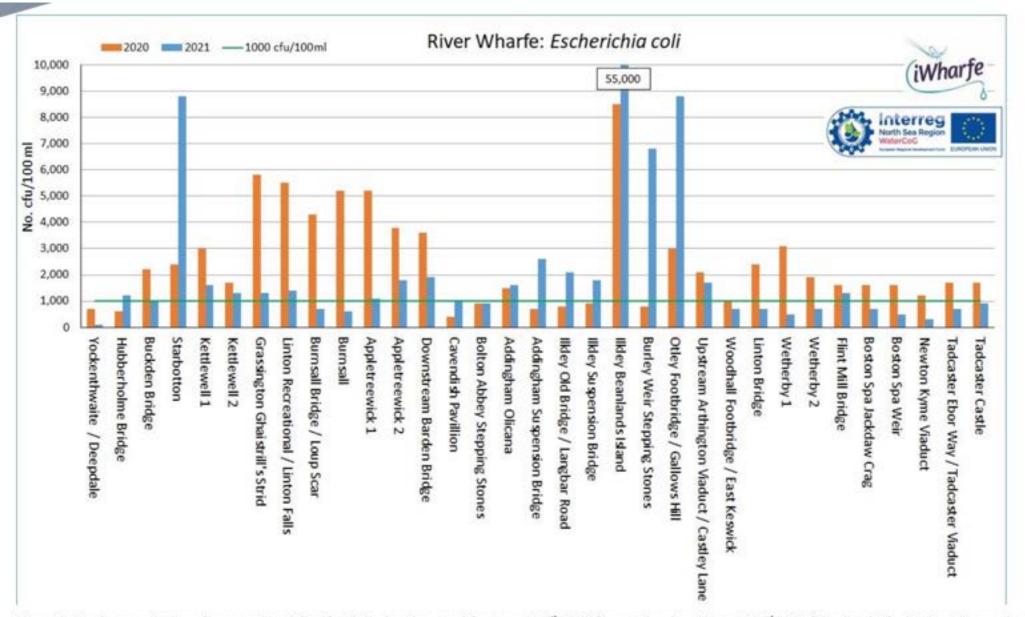
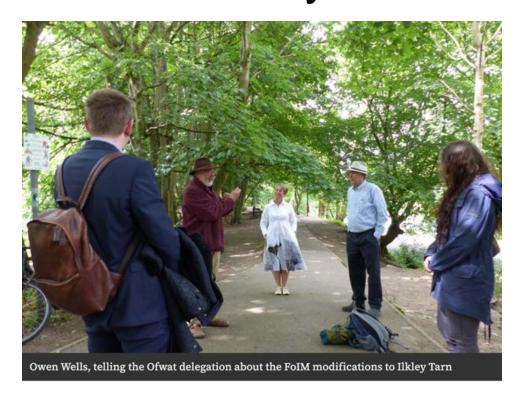


Figure 3. E. coli concentrations for recreational sites (or their close by proxy) for August 24<sup>th</sup> 2020 (orange bars) and August 23<sup>rd</sup> 2021 (blue bars). The horizontal green line represents the upper boundary (1000 cfu/100 ml) for a good quality bathing water were this value to be the 95 percentile of a series of samples taken across the bathing water season



# What we have achieved

## Accountability



Visits from Ofwat Chair and CEO, EA Chairs



Publicity to continue that accountability, including presenting evidence at Environment Select Committee 2021

Changes to the Ofwat regulatory process in part as a result of our campaign with more engagement of local communities



## Make it Public

ZNU IUWN MEEIING IIIN JULT

Look North News reporting our meeting



### LOOK NORTH REPORTING OUR **MEETING**

See the 2nd Town Meeting page





**Protecting The Wharfe & Ilkley Environment** 

### THE SOLUTION **IS LESS** POLLUTION. **ILKLEY TOWN MEETING**

With Yorkshire Water, Environment Agency, John Grogan MP

7TH FEBRUARY 2019 5.30 - 7.30PM **ILKLEY GRAMMAR SCHOOL** 

Ilkleytownenvironmentmeeting.eventbrite.co.uk





# Environment Audit Committee 2021

Defra Webinar on Bathing Status Policy for Rivers



Environmental Audit Committee @ @CommonsEAC - Apr 21, 2021
Replying to @CommonsEAC

Prof Becky Malby: "A spillage is what you do with a cup of tea. Not when you discharge raw sewage for days and days and days. The language used tone it down."

watch live at bit.ly/32vkGXg | #waterquality #rivers



You and Becky Malby

Supporting 40 local campaign groups testing and applying for bathing Status

Working in a national coalition with the key campaign organisations and groups

Awarded Funding from Esmee Fairburn Foundation to support Media and Comms across the UK



## In the Local and National Press

### In the Build up - 2020



Yorkshire campaigners dismayed at Environment Agency's reaction to evidence of waste discharged into River Wharfe



From the EA "Any solutions chosen would ultimately be included in PR29 and delivered through AMP9 which would run from 2030 to 2035" Link to Guardian Article beng

Push for bathing water quality hailed as 'game changer' for UK rivers



THE GUARDIAN

flkley pushes for bathing area status to

protect river 'used as open sewer'

THE GUARDIAN 20TH JAN 2020

Swimmers on way to a dip in firs certified clean river

I swam 31 rivers in 31 days and survived,

ons swim in open-water and outdoor pools in the UK and

THE GUARDIAN

but we need a clean-up



THE TIMES 20TH JAN 2020

Grammar School

Thursday 20th a

5.45pm at tikley

water spot set to be declared

Biver Wharfe: First official UK bothing

THE TELEGRAPH 7TH AUGUST

UK's first river bathing spot in likley River Wharfe in likley a step closer to securing bathing water status ITV NEWS

> Wharfe river in Yorkshire could soon be first judged suitable for a



THE TIMES 8TH AUGUST



The One Show March 10th



Wild swimming means chilblains and E coli James Carbon - Sonday Remove PE 2000 School, Par Sonday Rose

EVEN JEREMY IS GETTING IN ON THE



WORLD AT ONE

20th Jan 2020 at 36.10s into the programme you can listen here

Breat Effectives Surspect Crims Stanfor Policy Survey Education Victory for Ilkley campaigners as Yorkshire Water agree to stop dumping sewage in the River



Yorkshire Post 21st Feb



LEGISLATION ON ITS WAY?



900,000 hours of human sewage and rainwater flow into UK rivers in just one year - revealer

### **CHANNEL 4 NEWS**

An excellent feature by Channel 4 news. You can see the whole



Watchdog leaves water companies free to pollute'

for swimming



Pollution: no river in England is safe

network, leading to the release of raw wests.



THE GUARDIAN 18TH JULY

Wharfe

Ilkley river group accuse environment ministers of blocking bathing application

Whole town wants designated status for River Wharfe and Defra is



Look North 22nd July 2020 - Yorkshire Water says Bathing Status would trigger investment in the sewage system at Ilkley and Addingham







THE GUARDIAN EDITORIAL

#### Sunday 26th January

There are strong economic as well as environmental arguments for promoting domestic tourism and regular exercise. Germany has 38 designated swimming rivers, Italy 73 and France 573. Led by the pioneers of likley, the UK should paddle fast to catch up."

The Wharfe in Ilkley could

lean water swimming

secome the first river in the

ountry to be designated for

21st Jan 2020

#### ILKLEY SECURES FIRST UK RIVER BATHING STATUS - 22nd DECEMBER 2020









Guardian

The Times

**BBC News** 

**ITV Online News** 







Yorkshire Post

**Ilkley Gazette** 

Bradford Telegraph and Argus

### River Wharfe at Ilkley: Bathing waters 'not tested in right place'

4



### December 2020 – August 2021



### 'People were paddling among human waste': the local campaign that sparked a battle against UK river pollution

When Ilkley locals spotted sewage running into the River Wharfe, they assumed an error had been made. Instead they discovered a shocking reality: that raw sewage is dumped into Britain's rivers hundreds of times a year.

### By Sarah Wilson

Tuesday, 13th July 2021, 11:58 am Updated Wednesday, 14th July 2021, 1:43 pm







### Swimming in sewage: Ilkley River Wharfe in Yorkshire is most polluted bathing site in England, data reveals

EXCLUSIVE

On sunny days, hundreds of people are known to swim in the popular river but samples collected by the Environment Agency found it regularly has dangerously high levels of bacteria



### Call for better signs as children fall sick after polluted river swim in Ilkley

2021-2022

270×Jun



Water in UK's first official bathing river to be designated poor-quality

Yorkshire Water says it is committed to improving River Wharfe as swimming season approaches



Ilkley river group criticises Government in sewage row

27% October 2021



00:00:00

Scwage to shave to write to Rebecca Pow not spot in some state of the spot in the spot in

River Wharfe near fildey poduted by untreated sewage this week from Yorkshire Water outflow

Jay Other Budgard, consumer or consumers of the Consumer of th



### Today in Focus Water

## What's gone wrong with England's water?

More untreated sewage is being pumped into England's seas and rivers than ever before. Sandra Laville follows the money to find out who is responsible

How to listen to podcasts: everything you need to know



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### Swimming in sewage: Ilkley River Wharfe in Yorkshire is most polluted bathing site in England, data reveals

ERICATION.

On sunny days, hundreds of people are known to swim in the popular river but samples collected by the Environment Agency found it regularly has dangerously high levels of bacteria



### River Wharfe bathing spot contaminated by sewage



High levels of fuscal buctoms were detected on a mile-long section of the Rovet Wharle in Hicky designant as being safe for bushing ALAMY





The regulators come and visit





Owen Wells, telling the Ofwat delegation about the FoIM modifications to Ilkley Tarn



# Seeking Compensation

In 2021-22 Yorkshire Water discharged sewage and household water into the river at Ilkley for 1252.75 hours over 146 days of the year. In previous years this has been 2018 – 123 days, and 2019 -114, 2020- 120. For over 1/3<sup>rd</sup> of the year untreated sewage is being discharged into the Wharfe at Ilkley. For that duration Ilkley residents have been paying for sewerage that was not being provided

14% x 4 years = 50% of one year's Sewerage bill



# Seeking Compensation

A Yorkshire Water spokesman said: "We understand the growing interest in our network in Ilkley, particularly due to the newly designated bathing water in the town, and have committed £13m to help improve water quality. Our networks in Ilkley operate in line with environmental permits set out by the Environment Agency. We will not be issuing refunds to customers in the town."

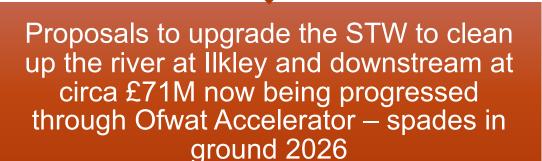


# What we have achieved Solutions!

Yorkshire Water outlines £13m infrastructure investment to improve River Wharfe



£11 M Investment from Yorkshire Water to clean up upstream of the STW





# What We Have Achieved

National Network of Campaign Groups all calling for the same change























## Public Declaration for Rivers and Seas

Our rivers and seas are open sewers.

# We care deeply about our rivers and seas.

Water companies must comply with, and regulators must regulate according to the 1991 Water Industry Act and the 1994 Urban Waste Water Treatment Regulations which require all sewage to be treated, and for storm overflows (which discharge raw sewage) to only operate in truly exceptional circumstances.

### Our Declaration

Our rivers and seas should be protected for nature, for ourselves and for future generations.

#### This is our declaration:

- Stop pollution for profit.
- · Make our waters healthy and safe again.
- · Action now not targets sometime.
- Regulation that protects the victims, not the polluters.
- · Now it's time for the polluters to pay







| Home || The Campaign || Citizen Testing || Bathing Status || What's Happening || Media || Contact Us |

