Good Practice Examples of Engagement in the Development of Drainage and Wastewater Management Plans - Outputs of the 2021 annual survey

Understanding the extent and quality of engagement in the Drainage and Wastewater Management Plan process

Measure 2.7.1 of the National Flood and Coastal Erosion Risk Management Strategy for England states that water companies and other risk management authorities (RMAs) will work together to inform Drainage and Wastewater Management Plans (DWMPs) to improve resilience to surface water and drainage flood risks. RMAs are identified in Section 6 of the Flood and Water Management Act 2010.

During the summer of 2021, the **Environment Agency worked in collaboration with Water UK and Ofwat** to assess the degree to which RMAs actively contributed to the production of DWMPs. Specific questionnaires were developed for both water and sewerage companies and other RMA groups in England. Recipients were given three weeks during July 2021 to respond.

At the time of the survey the water companies had completed the following phases; *strategic context; risk based catchment screening; baseline risk and vulnerability assessment; and were just commencing the options development and appraisal phase*.

The aims of the survey were:

- To understand the extent to which all relevant RMAs are currently engaging in the production of DWMPs.
- To evaluate the quality of that engagement.
- To identify any barriers to engagement and how these have been overcome.

Several examples of good practice were identified in the survey responses. These have been brought together as summary ‘Case Studies’ under the following headings.

1. Stakeholder Communication
2. Collaborative Working
3. Risk and Opportunity Mapping

The survey will be repeated in summer 2022 to understand how engagement has developed over the last year. Good practice examples will be added to this resource as the following phases are completed; *options development and appraisal; programme appraisal; and consultation.*

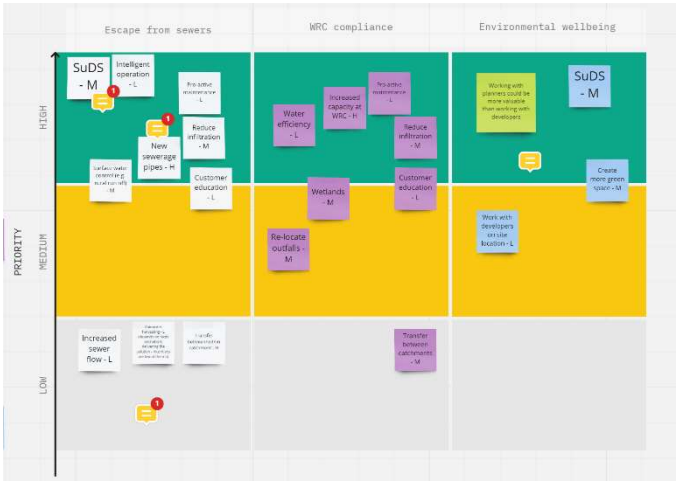
Stakeholder Communication

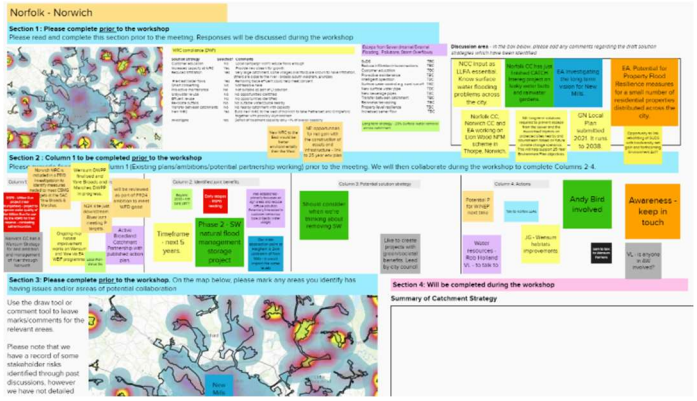
DWMP Engagement using online collaboration boards

Two virtual collaboration board platforms, Miro and Mural, have been used to complete stakeholder engagement with the DWMP. These were used in multiple optioneering workshops with up to 8 organisations/15 people participating. The boards aided discussions, captured conversations and allowed people to have their say even if they didn't want to speak out loud.

For the collaboration boards to work they needed to be well set up in advance of the meeting, with careful thought as to the agenda and purpose of the meeting. The boards needed to be used with an outcome in mind rather than a gimmick tool. Where the outcome requires it, it is useful to share the board prior to the meeting.

MIRO was chosen for the first set of optioneering workshops as it's simple to use, free and quick to sign up and you can see who is writing what. However some users had difficulties with their browsers.





Mural was used for the next optioneering workshops which provides user access without the need to sign up although comments are left anonymously.

For all collaboration boards you need to give people advance warning as they are difficult to use if people are trying to join the meeting through a phone. It is also useful to have one person running the meeting and another person dealing with any connection issues.

Whilst the large majority of people found the collaboration boards useful, some either couldn't or wouldn't use them. These people still need to be involved in the discussions and it is good to have someone capturing their comments on the board throughout the meeting.

By using online collaboration boards we managed to talk to people from all areas of our region throughout the ODA process. The Miro board was used to prioritise solution strategies, gauge interest and get a general overview of the ODA stakeholders view of the ODA process. The Mural board was used for more detailed discussions of catchments – recording information from multiple parties and identifying multiple benefits. The Mural boards were shared prior to the meeting and attendees were asked to pre populate certain areas. This formed a basis for discussion as we went through the rest of the board.

Lessons learned:

- Put in the prep work – plan out the meeting and board to match
- Share either the board and/or if relevant ask people to sign up prior to the meeting
- Allow practise time on the board
- Have two people running the meeting – one facilitating, one support
- Send pre-work where possible

Thames Water's Online Stakeholder Workshops

We undertook three rounds of interactive and collaborative virtual workshops, including 1-2-1 workshops at BRAVA stage with each of our L2 stakeholders. We have partnered with the TRFCC Thames Flood Advisors to help facilitate the workshops.

Autumn 2020: 75 x BRAVA workshops (2.5 hours) with L2's including LLFA's, EA and Catchment Partnerships. Shared BRAVA outputs and captured stakeholders' areas of concern.

Spring 2021: 3 x 'Progress to Optioneering' workshops (2 hours) with L2's. Discuss risks in each catchment and to gather feedback from stakeholders on the types of options proposed.

Autumn 2021: 13 x 'Finalising the Plan' workshops (3.5 hours) with L2's. Stakeholder input to the draft Catchment Strategy Plan documents. Use of Mural interactive whiteboard activity to gauge stakeholder perspective of what the draft plan will look like.

Winter 2021/22: 3 x 'Programme Appraisal Discussion' workshops with L1's (2 hours) with L1's. Present scenario outputs and discuss the approach to programme appraisal.

Factors important to the success of the workshops include:

- Provision of relevant material (interactive pdf maps, draft Catchment Strategy Plans, walkthrough guides, links to recorded webinars) in advance of the workshop for pre-reading.
- Utilising the 'breakout room' functionality in Microsoft Teams - splitting into smaller breakout groups allowed a greater focus on specific detail for a particular catchment, the smaller groups also
- Stakeholder attendance and 'buy in' to the workshop format – without stakeholders' willingness to offer up their limited time, and their patience and understanding that this was a new/evolving process, the workshops would not have been as effective.
- The TRFCC Thames Flood Advisors were instrumental helping to advertise the workshops through the LLFA community and facilitating the workshops.

The workshops supported the following outcomes:

- Alignment and agreement of priorities and timelines in the plans
- Identified and captured partnership project opportunities
- Agreement on partnership project(s) put forward in the Catchment Strategy Plans

Pre-reading material (reference pack, interactive pdf maps, draft Catchment Strategy Plans) and links to the online Mural boards were sent direct to stakeholders ahead of the workshops. draft Catchment Strategy Plans will be published on our Practitioner Portal by January 2022. See images below for an example of a Mural board and a Catchment Strategy Plan.

Image: Mural board with stakeholder comments from ‘Finalising the Plan’ workshops

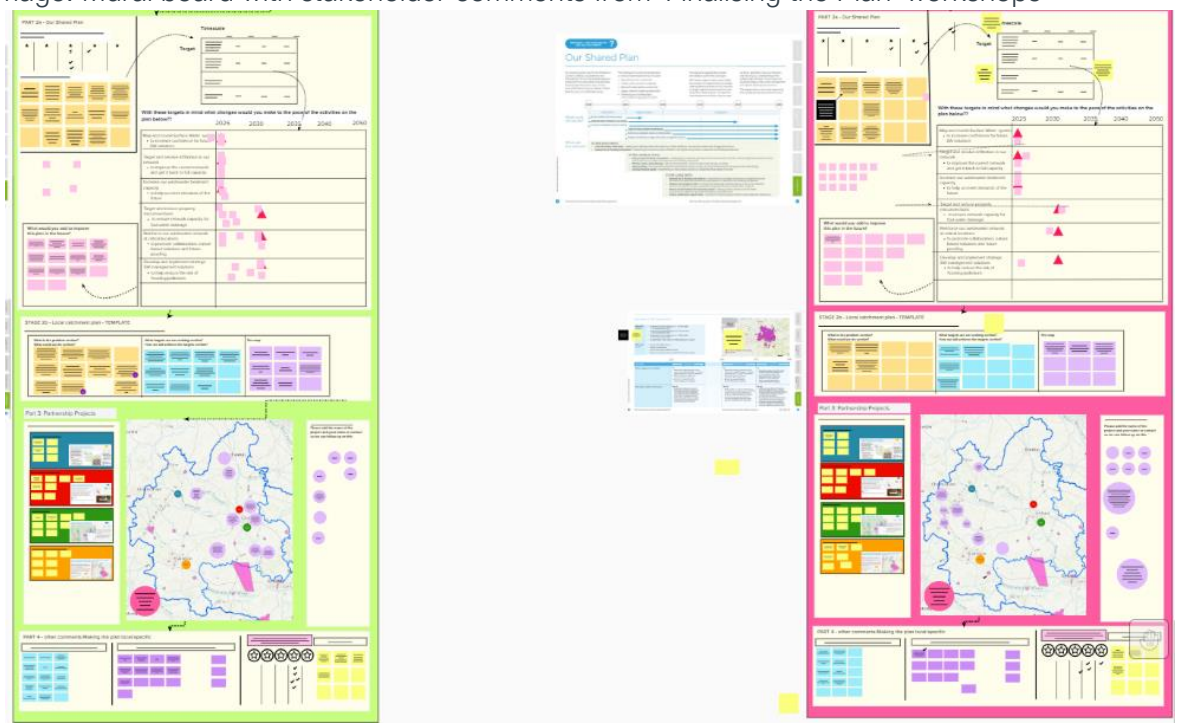
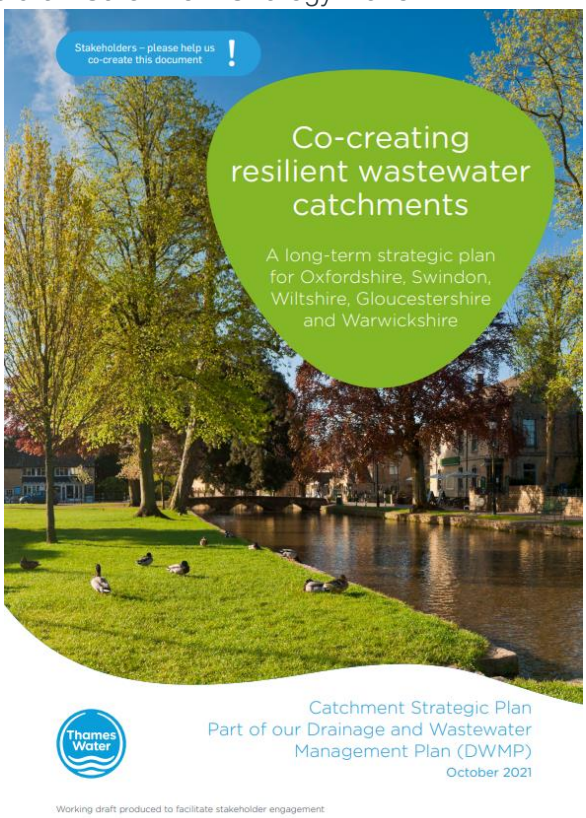


Image: Front cover of the draft Catchment Strategy Plans



Southern Water
Data sharing – a blocker to engagement and finding pragmatic work-arounds

1. The issue

Our partner engagement programme has been strong, but the ability to share data has been a blockage that we have had to work around and manage.

We have not had a standard geospatial platform we can use with partner organisations to share confidential business data and information. Southern Water has a policy of not disclosing 'business use data' (where all data is 'business use' by default) outside the organisation which caused frustrations to external partners and internal time delays. We have also been restricted by the SEMD guidance from Defra which means we are unable to share the location of our major wastewater assets (including wastewater treatment works).

2. A pragmatic approach to resolution

We approached resolution by working with the legal department to:

1. On a case by case basis, gain approval from the Information Assurance Officer (IAO) and relevant Director to publish data and maps on our website. This has proved workable with the lack of a GIS platform, but has been time consuming with a great volume of information on the website, and is not an optimal position.
2. Establish a data sharing agreement for use with partners when we share information via email. However, our data has been shared in good faith that our partners will not disclose confidential information when subject to FOI and EIR request – effectively making shared data public, and a nervousness by partners about the implications of agreeing to confidentiality agreements.

3. Good practice

We have established a secure platform, Sharefile, where we can share data and information with partners and from which they can download the information for a limited time period. This is accompanied with a confidentiality agreement. This agreements does not need a hard copy signature which minimises the time and effort involved by all parties. Partners are deemed to have accepted the terms by using the link connected to access the service.

In the meantime, we are working with our IT department to gain a fit for purpose GIS platform which will provide dividends for cycle 2 of the DWMP.

We have also pushed the boundaries to publish more information on our website than we have done so previously.

Southern Water
Designing an end-to-end partner engagement process

1. Introduction

Southern Water (SW) designed its partner engagement in the DWMP as an end-to-end process using the EA's 'Working with others' approach. We considered it vital to success that our DWMP must reflect the shared ambitions of the business, its regulators, Risk Management Authorities, Local Planning Authorities and Catchment Partnerships, all of which have legitimate interests and concerns in pollution, flooding, development, communities, the environment and wildlife. We designed our engagement programme to incorporate participation of our partners throughout DWMP development so there were plentiful opportunities to shape and co-create our plan.

2. Outline engagement programme and timeline to present

Date	Event	Purpose
August 2020	Webinar 1 (all stakeholders)	To explain the DWMP process and background. Choice of dates given
September 2020	Workshop series 1 One in each of our 11 river basin catchments (RBC)	Explain the significant risks in our wastewater systems enabling partners to include their own concerns, and considered whether the six Water UK Planning Objectives (POs) covered all the necessary risks and concerns. It resulted in incorporating an additional six partner proposed POs into our DWMP, ensuring environmental and social issues were taken into account.
December 2020	Webinar 2 (all stakeholders)	Update and explain the findings of the BRAVA (Baseline Risk and Vulnerability Assessment) for the Water UK POs
March 2021	Webinar 3 (all stakeholders)	Disseminate the findings of the BRAVA for the additional six partner organisation proposed POs
April and May 2021	Workshop series 2 One in each of our 11 RBCs	Discuss the Problem Characterisation and the drivers of the risks in our highest priority wastewater systems and enabling partners to ensure we also progressed a number of additional wastewater systems of concern to them. Jointly commenced the Options Development and Appraisal by considering generic options for wastewater systems
August - October 2021	41 wastewater catchment meetings covering 61 systems progressing through the first cycle of the DWMP	Bringing together internal experts and external partners to discuss the key risks and identify potential (unconstrained) options to address these. This breaks down as: ○ Kent- 16 meetings, 21 systems ○ Sussex 14 meetings 20 systems ○ Hampshire 11 meetings 20 systems
October 2021	Initial online consultation	Open to partners and the public to assess how our developing plan and the processes followed are perceived. The results will be published by the end of the year.

To underpin our work, we have openly and transparently published all our information on our website: https://www.southernwater.co.uk/dwmp and have a dedicated DWMP inbox: dwmp@southerwater.co.uk, monitored daily, to ensure we have been accessible to everyone involved.

United Utilities DWMP Engagment Case Studies

1.0 Planning Together Group

Planning Together Group (PTG) is a collaborative working group with the Environment Agency, which leads to drive alignment between the Drainage and Wastewater Management Plan (DWMP), River Basin Management Plan (RBMP) and the Flood Risk Management Plan (FRMP).

1.1 Factors important to the success of the Planning Together Group

Several factors have been key to the success of PTG including; good communication between RBMP, FRMP and DWMP leads, the use of virtual collaboration spaces in Microsoft Teams to work on shared documents and host regular monthly meetings, and shared objectives for the group. There are three overarching objectives to the PTG; data sharing, engagement and option / measure development.

Engagement: aimed to ensure that the RBMP, FRMP and DWMP teams are all aware of, and feeding into any upcoming engagement activities. For example, the DWMP team recently prepared an engagement briefing note to be used within the Northwest FRMP and RBMP consultations currently taking place.

Option / measure development: aimed to deliver collaborative input to FRMP measure development and DWMP option development. We held a number of workshops throughout May – August 2020 to develop shared strategic measures which will be utilised in both plans.

Data sharing: aimed to identify data to support the above activities and develop processes to enable sharing of this data. This has supported the development of a 'shared risk' layer in GIS, overlaying EA Communities at Risk data with DWMP forecast flood risk and outfall locking assessments. In addition EA future river level data has been used in our resilience assessments.

1.2 Examples that PTG has supported

PTG has supported the development of 15 shared strategic objectives in the North West FRMP. It has also supported collaborative engagement with stakeholders, this includes the sharing of flood risk management data to identify priority areas for partner collaboration.

1.3 Images

The PTG is a collaborative working group:

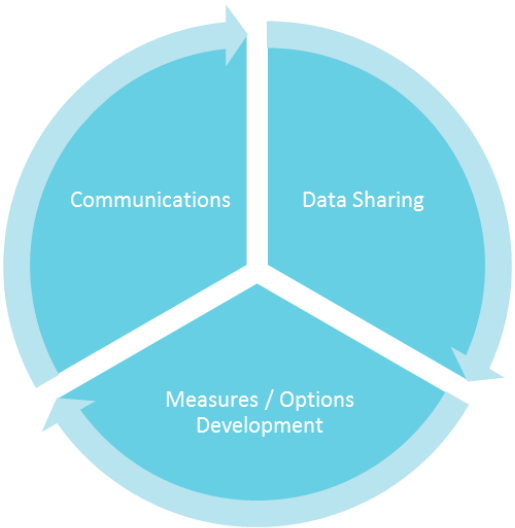


Fig 1. Key focus areas for the EA/UU Planning Together Group

Image 1. Planning Together Group Launch 2019

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United Utilities DWMP Engagement Case Studies

2.0 Strategic Planning Group workshops

We used the online collaborative whiteboard tool, Miro, during our Strategic Planning Group (SPG) workshops to help us to build on our current understanding of wider risks to drainage and the environment, and identify potential opportunities for partnership working within each catchment. There is one SPG for each of the EA river catchments, 14 in total in the North West.

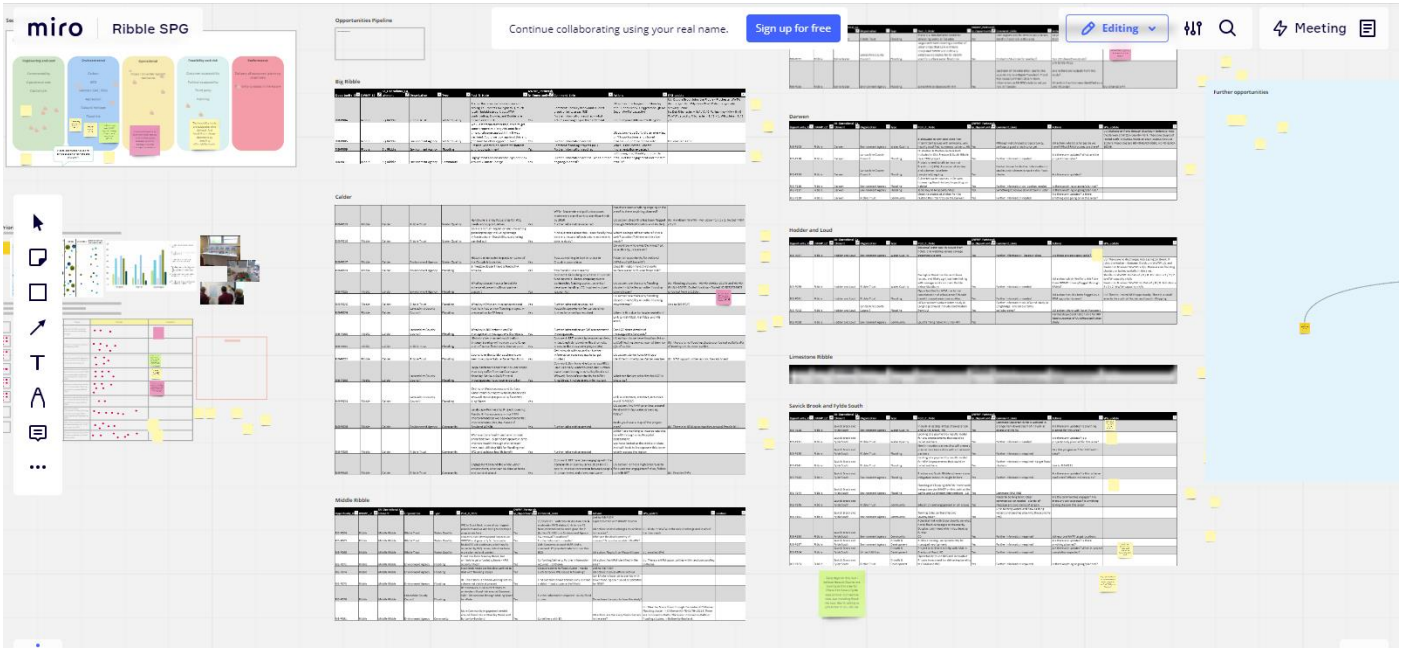
For our first series of online workshops (held in January to March 2021) we organised information, including catchment maps and our BRAVA results, within easily navigable frames. Stakeholders could then add any ideas that they had for partnership opportunities on post-it notes to a grid divided into the following key themes: 'Water Quality', 'Flooding', 'Community' and 'Growth & Development'. This layout could be easily replicated for each catchment.

During the second series of workshops (currently on-going) we have been exploring the functionality of Miro further, utilising features such as 'voting dots', which have allowed stakeholders to visually prioritise the DWMP planning objectives for input into programme appraisal. Remote workshops do have a different dynamic than traditional in person workshops. We have found that whereas conversation flows naturally face to face, you do not get the same level of informal discussion and debate online. To assist with this, we have started utilising the timer function within Miro so participants can see the allocated time for each activity. Although simple, this has hugely benefitted the discussion and encouraged more engagement than where we have not used this function.

2.2 Factors important to the success of Miro Board

Several factors have been key to the success of using Miro Board in our SPG workshops. Workshop attendees have been able to access the digital whiteboard easily via a link and work together on the board in real time. For any individuals or organisations that cannot attend the workshop, they can also access this link after the event and add on their thoughts and contribution.

A large number of people can work on the boards at the same time, which allows us to harvest lots of information in a short space of time. Being able to design the layout of the board in advance, using templates, frames and grids, significantly reduces the amount of time required post-workshop to sort through the generated information. In addition, attendees can add comments to the post-it notes of attendees from different organisations which is useful for identifying links, interdependencies and establish how/where organisations are already working together.



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United Utilities DWMP Engagement Case Studies

3.0 Geospatial Portal

The Geospatial Portal has been developed using GIS Online and will be used to communicate DWMP data with stakeholders and customers. In the first instance this platform will be used to share the BRAVA outputs from the DWMP, preferred options for each drainage area and data tailored to the user (e.g. historic flooding data and asset data will accessible to users who have roles within risk management authorities).

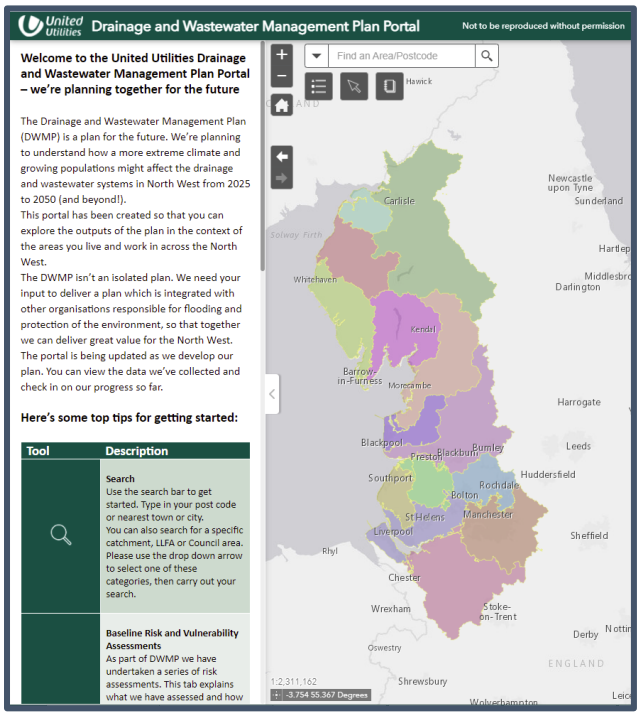
3.1 Factors important to the success of the Geospatial Portal

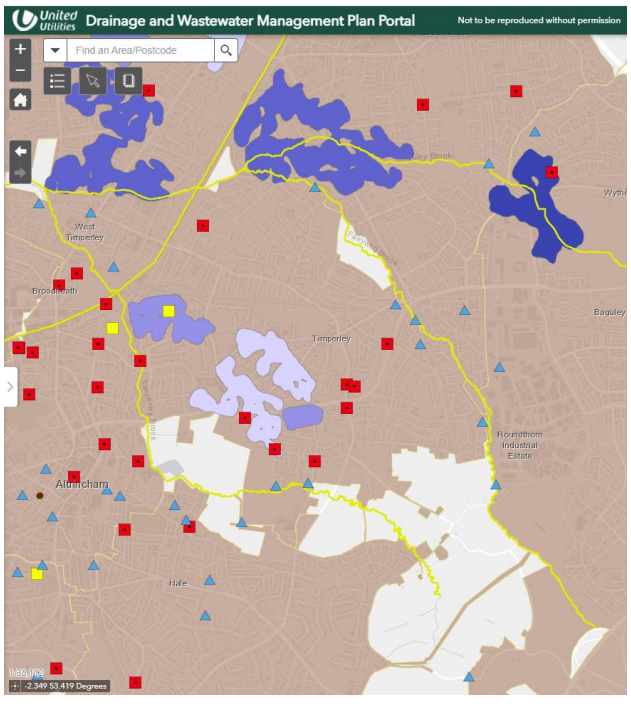
The geospatial portal is the first of its kind in the North West and the first time UU has shared data in this way. It is envisaged that over time there will be iterations of the platform as feedback and user experiences are shared. Focussing on stakeholders, in order to have the best possible platform suitable to their needs, engagement is key to understand which data sets are important and what they can be used for. There are also different requirements for different groups within the region and so the solution has been tailored to incorporate three different user types; Risk Management Authorities (RMAs), partners and customers. In order to achieve a successful rollout and constructive feedback, briefing materials will be developed to provide real life examples on how to use the portal as well as workshops on how to navigate the tool.

3.2 Rollout of the Geospatial Portal

There have been internal discussions ongoing for a number of months to agree the best solution for our customers and stakeholders. As such we anticipate that we will be rolling the solution out to the first user type; RMA's, in January 2022.

3.3 Images of the Geospatial Portal





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Plymouth Integrated Urban Drainage Modelling – Flooding and Pollution

Case Study for DWMP

SWW have been working with the EA and Plymouth City Council (PCC) to develop the Integrated Urban Drainage Model (IUDM) Options linked to Flooding and Pollutions in Plymouth[1].

Flooding risks were identified, and collaborative solutions were developed in partnership with the EA and PCC as part of SWW's Downstream Thinking programme. The high-risk areas were also identified on the EA's Medium-Term Plan. These include locations such as: Pomphlett Road, Lipson Laira and Fellows Place, the Western Approach to Millbay Strategic Pipe and Longbrook Road, which have suffered from chronic flooding.

An example of this collaborative working is the Pomphlett Road and Ronsdale Close scheme, Plymouth, which has been delivered using tri-partite funding. The scheme, which began in March 2019 and was completed in January 2020, included installing 240 metres of new surface water sewers along Pomphlett Road, Ronsdale Close and Grove Road, and 100 metres of pipe to connect to a new surface water sewer. Upgrades were also carried out on 260 metres of combined sewer along Ronsdale Close, with a further 50 metres of sewer being relined.

The advantage of producing collaborative plans in catchments with a long history of flooding and pollution, is that we can clearly identify the flooding mechanisms and interactions and develop holistic solutions. This resolves the root cause of the issues where no single Risk Management Authority (RMA) has historically been able to resolve those issues in isolation.

These improvements will protect 22 homes with a history of internal sewer flooding in and around Pomphlett Road and Ronsdale Close as well as Pomphlett Methodist Church, which has previously reported regular external flooding.

In addition to increasing capacity in the sewers, removing surface water from the combined sewerage network will reduce the frequency of stormwater overflows into the Plym Estuary. The scheme also delivered benefits, of reduced localised surface water flooding, highway flooding and environmental enhancements to the intertidal mud flats that were realised by the project partners- EA and PCC. This is an example of how, by working together, we can achieve a better outcome for our stakeholders, customers, local businesses and the environment.

Surface water separation at Ronsdale Close

[1] 29 August 2003 (plymouth.gov.uk)

Risk and Opportunity Mapping

NORTHUMBRIAN WATER living water

DRAINAGE AND WASTEWATER MANAGEMENT PLANS:

Stakeholder engagement and opportunity mapping

As part of our Option Development and Appraisal phase we wanted to explore our stakeholders' knowledge and expertise to capture additional catchment risks and to identify as many opportunities across our seven strategic planning areas as possible.

This would help us to prioritise the risks that we had identified and inform our DWMP of potential areas for collaborative opportunity.

Figure 1: Map showing Northumbrian Water's Strategic Planning areas

Throughout August 2021 we embarked on an ambitious level of virtual engagement, holding a series of 2-day online sessions for each of our seven strategic planning areas. We invited more than 150 external stakeholders and partners to take part in the sessions. Meetings were held over Microsoft Teams and information recorded live in a GIS platform. We held 18 sessions, including one-to-one sessions with some stakeholders at their request.

The sessions captured more than 700 individual opportunities, which varied from discharges affecting watercourses, highway improvements and wilding schemes. These were logged on our opportunity map as a series of points that can be clicked on to reveal the detail of each opportunity as well as the source of the information.
We're using this information now to help prioritise our plans and explore how we can best engage with these opportunities, both now and in the future.

We've grouped the information into three categories:

- **Inform:** Opportunities which we can use to help inform our plan.
- **Impact:** Opportunities which will directly impact our plans.
- **Record:** Opportunities which currently do not align with the DWMP, but which may in the future, or may link to other programmes we could deliver.

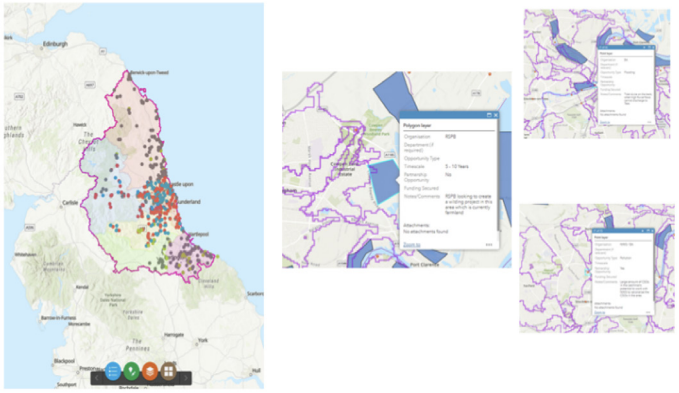


Figure 2: Opportunity map example

Factors important to the success of the engagement sessions were:

- Stakeholder enthusiasm, expertise and knowledge.
- Time commitments of those involved.
- Trust in the process and purpose of the sessions.
- Unconstrained thinking.
- Online engagement, widening our reach.

If you would like to find out more information on our DWMP, please visit our website or contact us at **DWMP@nwl.co.uk**.

Thames Water's DWMP Practitioner Portal

An ArcGIS Online Web Application exclusively for our DWMP stakeholders (Level 1 and Level 2) to access and view all DWMP data outputs including RBCS, BRAVA (National and Detailed), BRAVA workshop and Optioneering outputs.

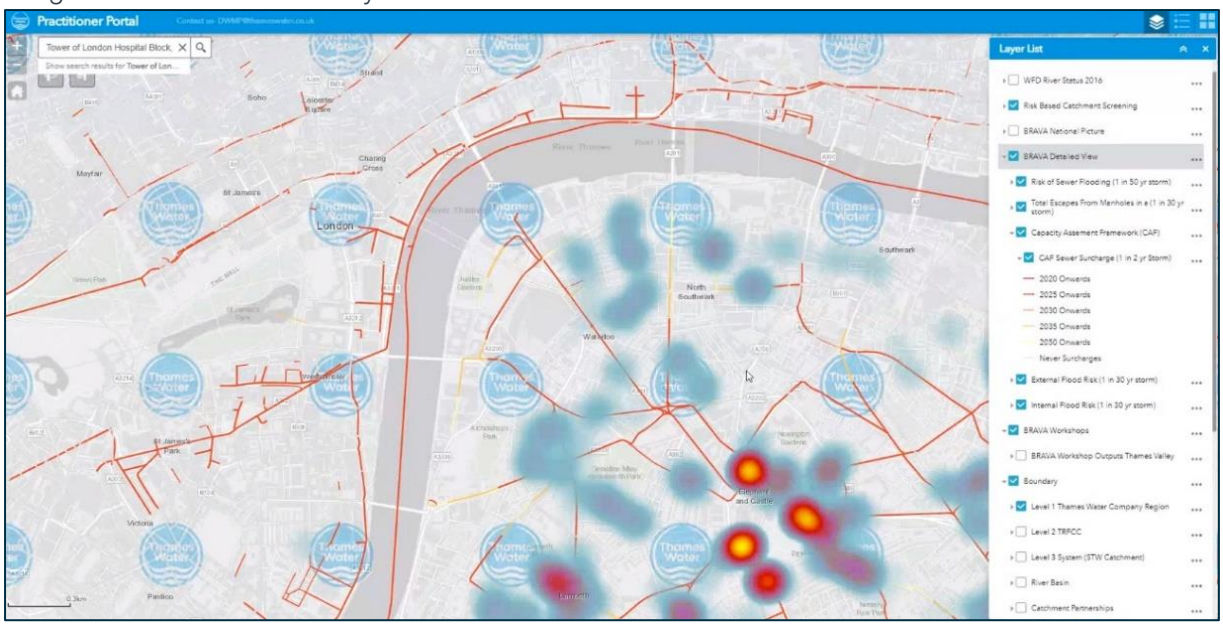
Factors important to the success of the Practitioner Portal include:

- Accessibility – the online web application does not require the installation of GIS software.
- Ease of use – the app allows users to zoom in/out and view data down to L3 granularity.
- Data availability – Users can view DWMP data against other environmental data such as WFD classification of waterbodies, Environment Agency flood risk mapping, as well as boundary data such as river basins, catchment partnerships, LLFA areas and more.

The Practitioner Portal supported the following outcomes:

- Enabled stakeholders to view and interrogate DWMP data in their own time, not just in restricted time periods (e.g. during workshops).
- Allowed users full view of the progression of a catchments journey through the DWMP.
- Stakeholders could compare data to their own dataset, we hope to add these to the portal in the next DWMP cycle.

Image: Screenshot of data layers available on the Practitioner Portal over central London.



Link to the Practitioner Portal (access requests to be sent to DWMP@thameswater.co.uk)

Example of a similar publicly available ArcGIS Web App: Historic England's Aerial Archaeology Mapping Explorer

Wessex Water DWMP HUB

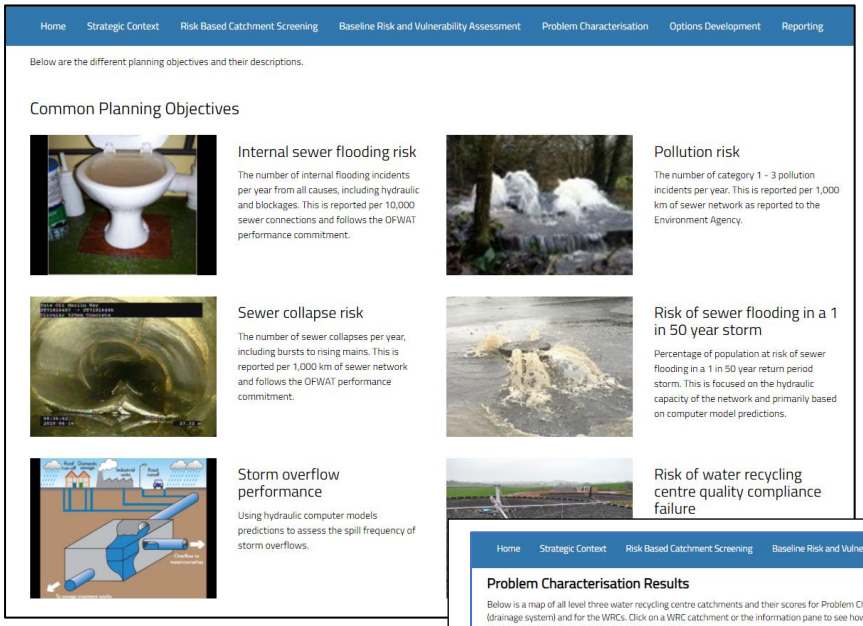
Wessex Water has set up an Arc GIS Hub tool to provide detailed information on the different phases of the DWMP framework to stakeholders including the Environment Agency, Flood Risk Management Authorities and Strategic Catchment Partnership stakeholders.

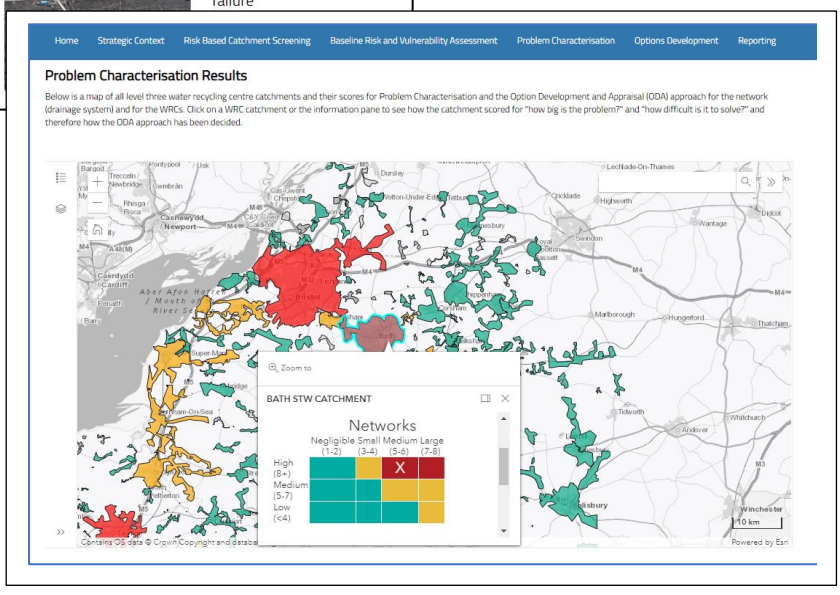
Our DWMP Hub enables us to share with stakeholders:

- information and details about the DWMP Framework
- outputs from the different phases of the DWMP Framework
- priority areas for future improvements in Drainage and Wastewater infrastructure.

Throughout the DWMP hub, our stakeholders can provide feedback and comments.

As part of the Options Development page, stakeholders can draw polygons to identify areas within the catchment where they are also interested in developing future projects. This will enable opportunities for co-creation to be identified. Ideas can then be discussed in more detail where priority locations align to establish if future collaborative projects can be developed.





Engagement in Drainage and Wastewater Management Plans using a GIS Portal

DWMP SEVERN TRENT
Drainage and Wastewater Management Plan

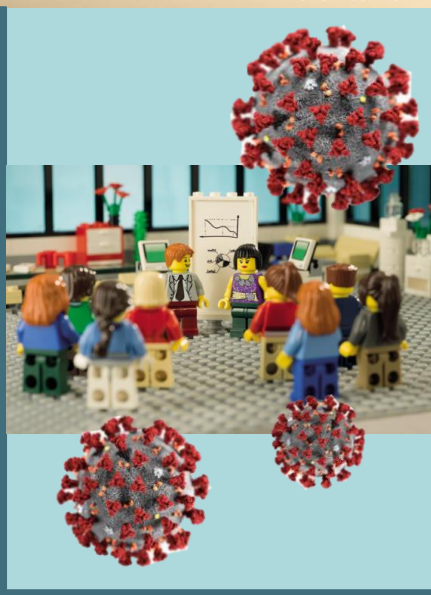
November 2021

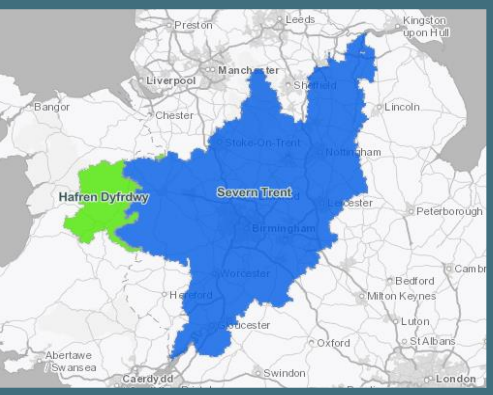
The Challenge

As part of our Baseline Risk Stakeholder Consultation during Autumn 2020 we needed to share catchment information with our stakeholders. This was an essential part of understanding wider catchments needs before we started to develop and assess strategic options.

Prior to the COVID-19 restrictions relating to meeting in person, our intention was to arrange face to face workshop sessions using traditional maps and paper-based exercises to provide an overview of our wastewater networks and ensure we had not missed anything to inform catchment strategies. The topic areas we were interested in included ensuring we had an awareness of other drainage flood risks which could benefit from collaborative working by improving the management of surface water, whether there are any significant new development allocations we might have missed through our normal liaison, and if there are environmental issues that are being affected by our wastewater assets. Having a rich picture of a catchments needs was essential to ensure strategies are robust, whilst also considering future uncertainties, particularly regarding climate change.

Across the Severn Trent region we reached out to over 100 organisations, including Local Planning Authorities, Lead Local Flood Authorities, Environment Agency, Canal & Rivers Trusts, Natural England and Wildlife Trusts.





The Engagement Hub

To move forward with collating stakeholder intelligence, we developed an interactive GIS Portal using the Esri ArcGIS GISSTonline Community HUB software package. Due to the sensitivity surrounding some of the content, access to the GIS Portal was by invitation only, but additional user access was quick and easy to set up.

The GIS Portal was designed to be easy-to-use and was supported by a series of workshops to explain its purpose, how to interrogate the data and how organisations could feedback.

This allowed us to share insights we already had for each of our catchments and allowed stakeholders to feedback on anything we may have missed which could be relevant to a DWMP strategy.

Themed Contents

The information was broken down into three map-based topic areas covering 'Flood Risk', 'The Environment' and 'Growth & New Development'. There were navigation search facilities to help the user find wastewater treatment works catchments, river basin areas or local authority administrative areas.

Collecting Feedback

With the GIS Portal there was an inbuilt feedback feature called 'Survey123'. This allowed stakeholders to add their comments directly, and by using their login details we could save time as we already knew who the feedback was from. There was also the opportunity to feedback directly using email.

Overall, 46% of individuals accessed the GIS Portal during the 6-week consultation period. This returned 264 comments via 'Survey123' and a multitude of additional datasets and other useful pieces of information being sent separately via email. All this has since been fed into the Option Development & Appraisal stages of DWMP.

Benefits

The use of the GIS Portal provided more flexibility for stakeholders to engage, especially at a time of home working. Rather that organisations having to commit to travelling to workshops, catchment experts were able to access the consultation at a time to suit and the use of 'Survey123' helped collate feedback in a standardised format to assist with the next phases of DWMP.

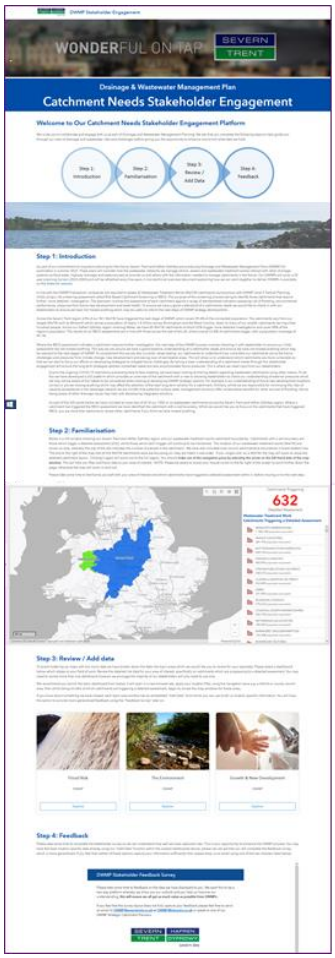
Winner of the Esri UK Customer Success Award for Excellence 2021 for Community Engagement.

For more information, please email dwmp@severntrent.co.uk

Engagement in Drainage and Wastewater Management Plans using a GIS Portal

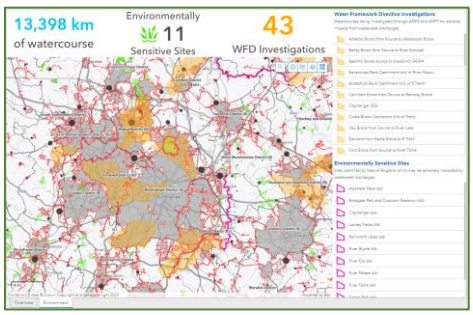
DWMP SEVERN TRENT
Drainage and Wastewater Management Plan

November 2021



"I think you have done an excellent, thorough job of information gathering from our perspective."
Planning Policy Officer

"We used the ArcGIS Consultation HUB during Severn Trent's Drainage and Wastewater Management Plan Workshop and found it a really useful tool for engagement and consultation."
Planning Policy Officer



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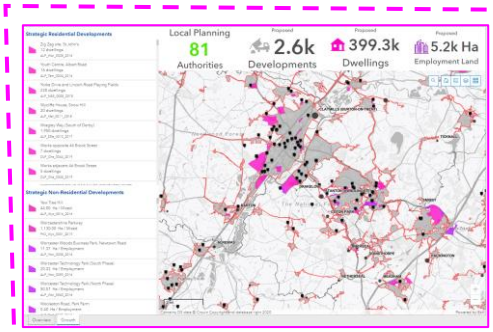

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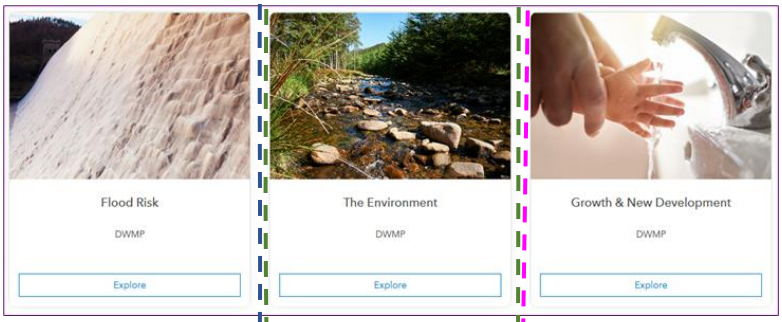
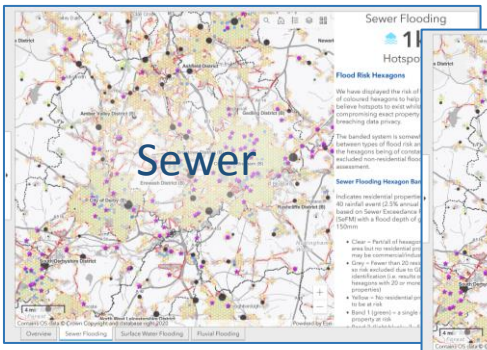
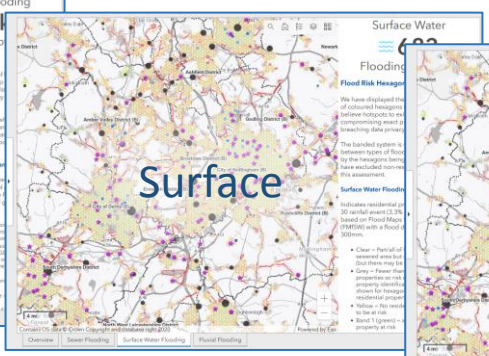
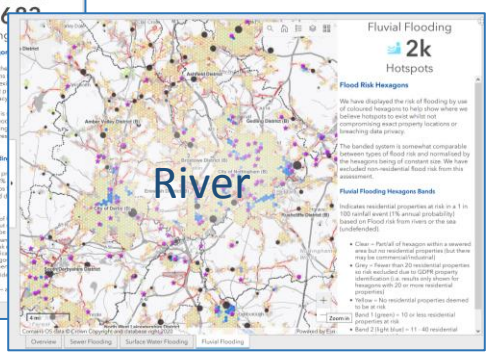


Flood Risk







For more information, please email dwmp@severntrent.co.uk

WONDERFUL ON TAP

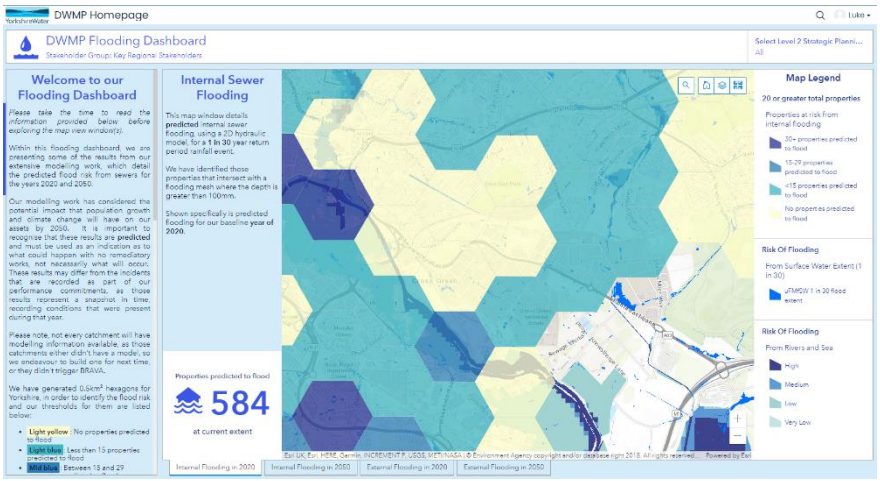
SEVERN TRENT

Drainage and Wastewater Management Plan Engagement

Yorkshire Water has developed a DWMP Hub to act as a key vehicle for our Stakeholder Engagement. Our Hub is powered by ESRI/ArcGIS technology enabling us to create and share a series of interactive maps, dashboards and apps.

We have designed the Hub to be flexible, allowing it to evolve over time and enabling us to ensure suitability for individual stakeholder groups. Stakeholders have their own space within the Hub which only they (and Yorkshire Water as the administrators) can see. This allows engagement on a more bespoke level as the information provided is relevant to the individual stakeholder and they can share their own data in a secure environment.

Currently there are 47 individual users from a range of organisations that have access to our Hub. This number can be scaled to keep up with demand as and when it is required. One of the key benefits of having our Hub is that stakeholders can interrogate our data at differing scales in a powerful, but easy to use, system. Feedback has been positive with stakeholders encouraged to see that Yorkshire Water are sharing data to an extent unlike we have ever done before and in an accessible format. A summary of some of our datasets is provided below:

- **Risk Based Catchment Screening Dashboard**
  An interactive map allowing users to investigate specific catchments and review the outputs of the RBCS assessments.

- **Baseline Risk & Vulnerability Assessment Results**
  Flooding and Capacity Dashboards: Interactive maps displaying aggregated hexagons, highlighting hotspots of predicted sewer flooding and indicative sewer network capacity (aligned with Capacity Assessment Framework), overlaid with Environment Agency Risk maps and future development sites.