



Environment
Agency



from
Southern
Water. 

Presentation by:

**WSCC, ADC, Southern
Water and EA**



west
sussex
county
council



ARUN
DISTRICT COUNCIL

westsussex.gov.uk



Local Flood Risk Management

Kevin Macknay | 25th November 2024 |



Local Flood Risk Management Strategy



- The Strategy will take a catchment-based approach to flood risk management and contain an action plan for managing flood risk in West Sussex for the next five years
- Stakeholders are shaping the Strategy with positive contributions received at the objectives, measures and actions workshops.
- The Public response to requests for evidence / data has also been very positive, with over 1,000 responses with data.
- Public consultation on the Strategy is planned to commence by the end of January 2025.

Section 19 - Reports



- Investigations and reports are underway both Chichester & Arun Districts following significant flooding towards the end of last year.
- Visits have been completed to those affected areas, and have been attended by District Council Officers, with additional feed-in to the process from the Environment Agency.
- Publication of the reports is expected by the end of the year.

Sewer relining and sealing

- Replacing a pipe has a cost of £250,000 per 100 metres, causing significant inconvenience due to digging and traffic management.
- Relining a pipe requires a minimal excavation and costs £10,000 per 100 metres, reducing the impact on customers' day-to-day lives and bills.
- Lining material is fed through the stretch of pipe underground, heated and then the pipe is sealed.



Our work programme in Shripney



- We've invested £7.2m specifically in Sussex on flooding and groundwater schemes, which includes sewer relining and manhole sealing in Shripney.
- We're relining and sealing the entirety of the 1.8km long foul drainage network in Shripney.
- Work started in July with CCTV surveys of the sewers.
- As of the start of November, just under half of the individual jobs that make up the work have been completed.
- 900 metres of sewers have been relined. The remaining 900metres is scheduled to have been completed by the second week of December, subject to highways permits/traffic management requirements.

Our Business Plan – 2025 to 2030



- In October 2023, we submitted our Business Plan to Ofwat for the period 2025-30.
- On 11 July we received initial feedback from Ofwat, known as the Draft Determination.
- We have published our response, ahead of Ofwat's **Final Determination** in December 2024.
- Our plan is the company's largest ever – **c.£8 billion** to enhance the health and wellbeing of our communities, protect and improve the environment and help to sustain the local economy.
- More than **25,000 customers** spent over **8,000 hours** telling us what they think.



Draft Determination response



- After carefully reviewing Ofwat's Draft Determination, we don't believe it would secure the investment required to deliver change required.
- In our response we've said that to secure the investment required, essential change is needed to its draft determination to make plans affordable, deliverable and financeable.
- We've spoken to thousands of customers to inform our proposals, to further understand their priorities.
- Our revised plan will achieve this and includes additional investment.
- These changes will deliver more environmental improvements in a shorter timescale.
- Ofwat is considering our response and is due to issue its final determination on water company plans in December.

Ongoing engagement

- Tesco national estates. We will be working with them to progress plans for store to be more resilient during flood events.
- FACT and Arun DC re. maintenance of non-main river
- Rope Walk Flood Action Group and local businesses



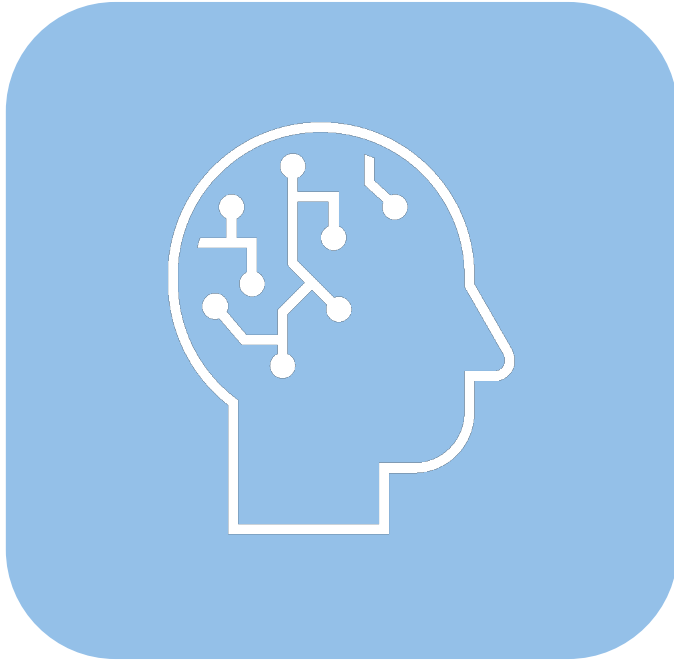
Felpham open day



Capital schemes

- Barnham NFM – looking to reduce peak flows on Barnham Rife using natural flood management techniques. Currently programmed to commence in 2026/27.
- Felpham PS – working to examine future scenarios for as pumping station is approaching end of design life. Currently programmed to commence in 2025/26.
- Additional gauges – we are bidding for additional gauges to be installed in Aldingbourne catchment to supplement the two existing. This will allow us to remodel catchment in the future.

Arun District Council – Short Term Works



Strategic

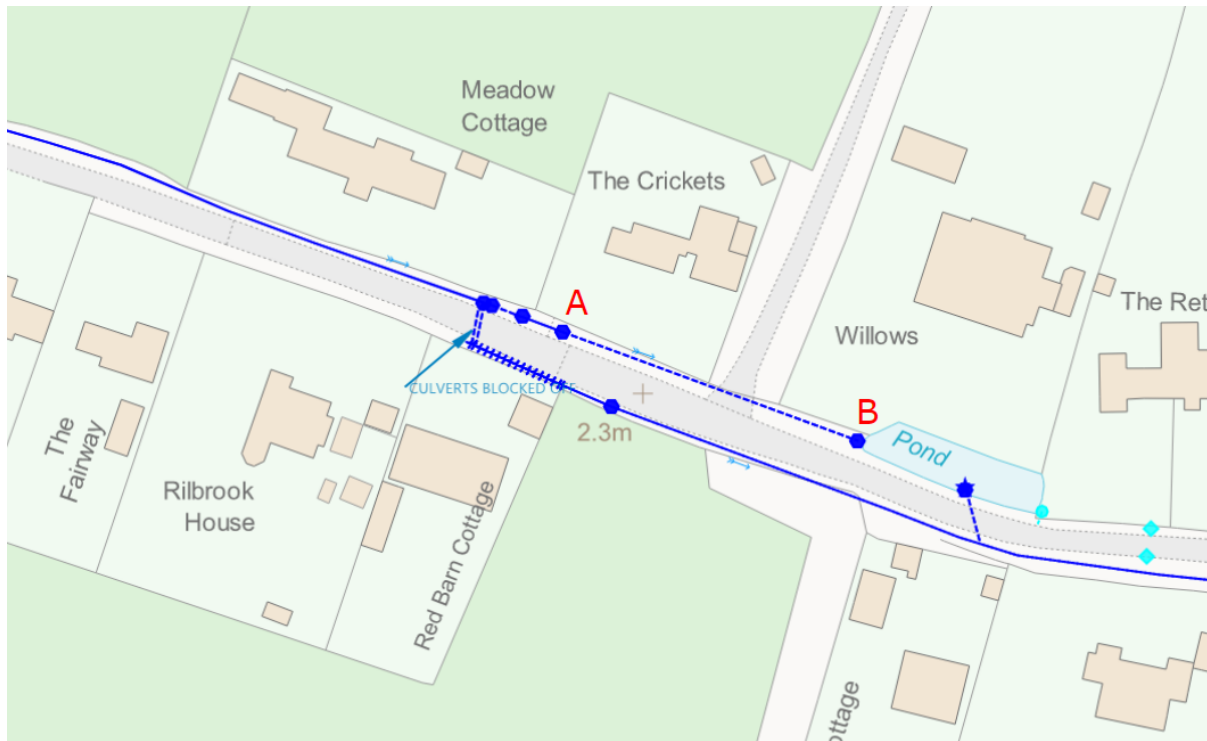


Tactical

ADC - Strategic Action Plan

Action Description	Location	Timescale
Update our Riparian Rights & Responsibilities leaflet and publish an article on these in the 'Arun times'.	Entire District	New EA guidance
Overhaul of our Planning Application Validation Requirements and accompanying guidance	Entire District	Complete
Overhaul of how SUDS are reviewed on Minor and Non-Major Planning applications to align our processes with national policy, guidance and high court rulings	Entire District	Complete
Produce update guidance to assist 'small' developers in discharging their drainage conditions	Entire District	Winter 2024
Standardisation of ADC Drainage responses on planning applications to demonstrate consistency and transparency	Entire District	Complete

Works to be undertaken	Location	Timescale
Digitisation of flood risk management mapping layers previously held in PDF format e.g. Arun Strategic Flood Risk Assessment, Lidsey Surface Water Management Plan - Local Flood Risk Zones (LFRZ).	Entire District	Complete
Inclusion of Flood Risk Management mapping layers on the interactive Planning Validation Map	Entire District	Complete
Iterative changes to our standardised drainage conditions to close potential loopholes	Entire District	Ongoing
A District wide campaign for new developments to provide betterment to watercourse networks situated on the site itself or adjacent to its boundaries (ADC/Developers)	Entire District	Ongoing
Collaborate with West Sussex County Council on the new Local Flood Risk Management Strategy	Entire District	Autumn 2025
Update to ADC Strategic Flood Risk Assessment (SFRA)	Entire District	2025



Listen

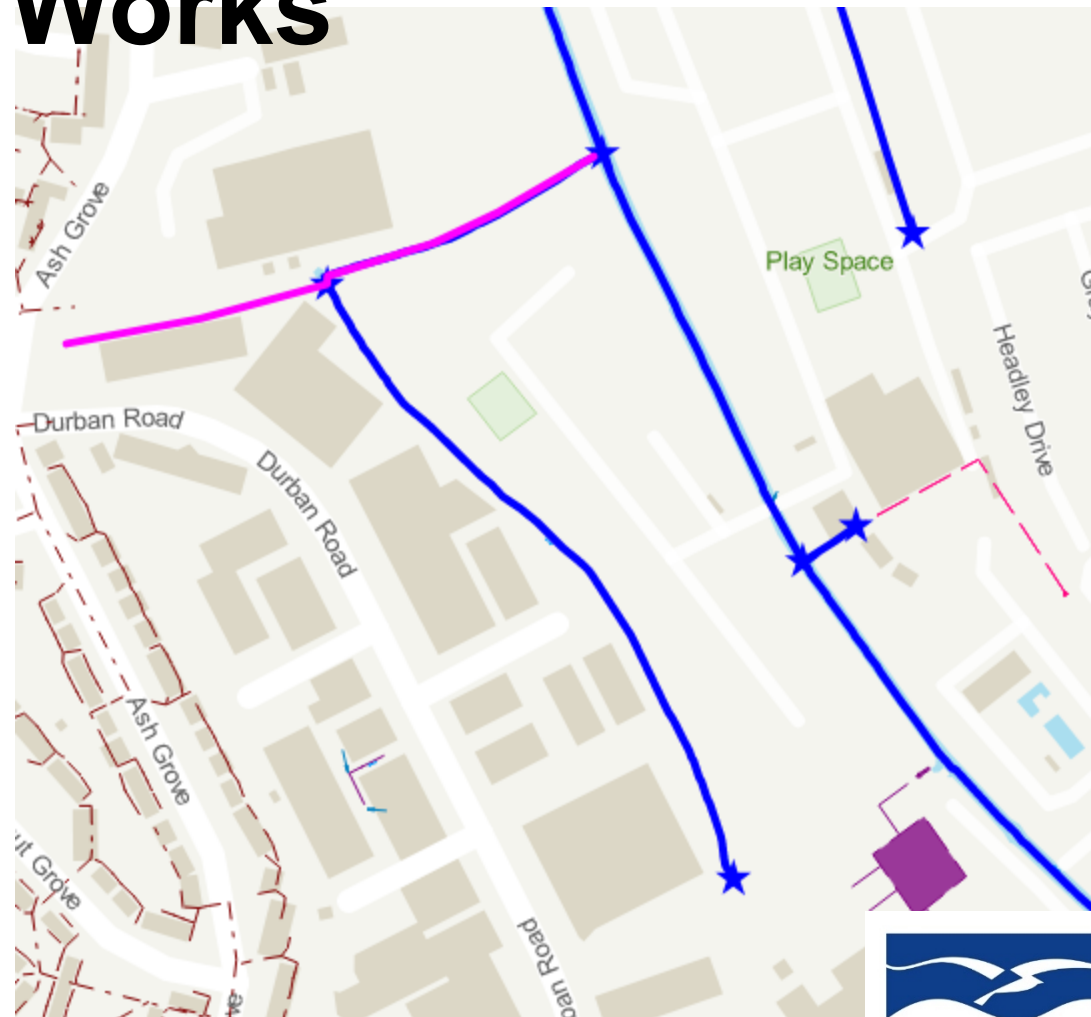


Collaborate

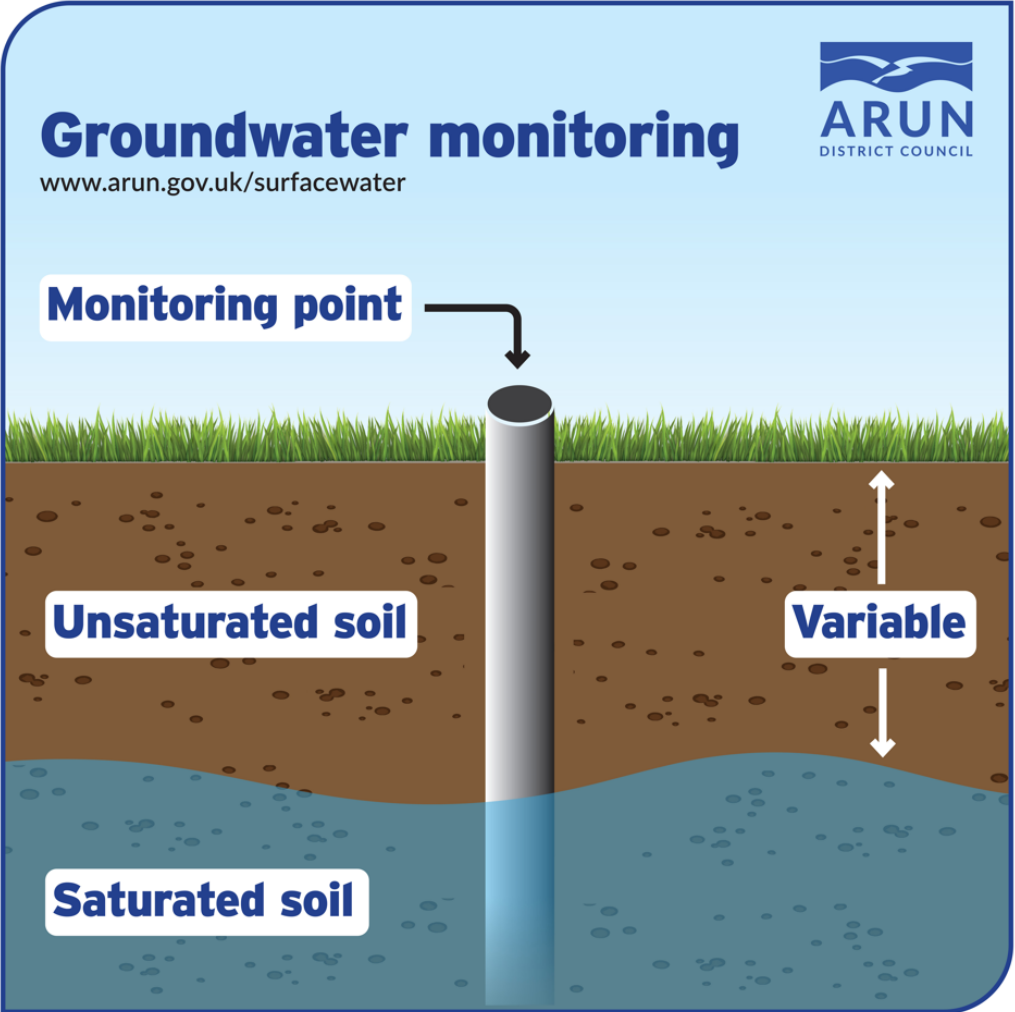


Act

Recent Tactical Works



Awareness Campaign



Emergency grab bag

FloodSmart
Prepare now for tomorrow

ARUN DISTRICT COUNCIL

The poster features a light blue background with falling rain. A large white circle in the center contains various items: a smartphone, a brown wallet, a set of keys, a flashlight, a roll of paper, a blue laptop, a water bottle, a thermos, a first aid kit, and a blanket. Below the circle is a green backpack. The text 'Emergency grab bag' is written in a blue arc above the circle. The 'FloodSmart' logo and tagline are in the bottom left, and the ARUN DISTRICT COUNCIL logo is in the bottom right.