

## Appendix A – Detailed Action list

Ref	Action	Description	Lead	Partner	Priority	Status	Time frame
1	<b>Digitisation of asset data</b>	Prioritised surveying and digitisation of assets to inform local knowledge and feed into asset register. Prioritise and implement according to data availability, budget, and deliverability	PCC	N/A	Medium	<b>In progress</b> – We have procured the software (GIS) to enable us to build up a digital record of our assets across the city but are currently limited by lacking the budget to allocate towards surveys. This will be a gradual process until 2027.	Ongoing
2	<b>Culverts and bridges</b>	Work with the highways authorities and partners to clarify ownership of culverts and bridges throughout the Peterborough area with the aim of developing an efficient working plan to collate asset data and improve conditions	PCC	FloW Partnership	Medium	<b>Completed</b> – Bridges, subways and structures are the responsibility of PCC's highways structures team. Culverts vary and are dealt with as and when required depending on the landowner.	2024
3	<b>Fletton and Woodston</b>	Investigation of sewer networks in Fletton High Street and Fletton Avenue to update asset records and identify if improvements are required	AW and PCC	N/A	High	<b>In progress</b> - We have completed a survey of the surface water sewer network in Fletton Avenue, this identified several buried manholes that were restored to current road surface levels, additionally we install 6 new road gullies in low spots and or areas where no gullies were present. We have undertaken initial onsite inspections of assets visible on Fletton High Street and will engage with Anglian Water as to the route and ownership of such assets.	Part Complete 2025
4	<b>Drainage District modelling</b>	IDBs to model their drainage districts to get an updated idea of the standard of protection offered	NLDIDB, WDIDB, MLC	N/A	Medium	<b>In progress</b> – We understand the EA and AW are carrying out modelling work for water courses and surface water sewers, respectively. IDBs are also looking at updating some of their models for district catchments and the aim is to data share where possible to build our knowledge of the local area.	2027
5	<b>Groundwater knowledge</b>	Compile evidence and research into groundwater flood risk within Peterborough	PCC	EA	Low	<b>In progress</b> - We have formed a Liaison group with Anglian Water the Internal Drainage Boards, Cllrs and Parish Councillors, the group known as MAG007 investigates all areas identified to have some form of ground water flooding this work is ongoing.	2027

6	SPD	Review Flood and Water Management Supplementary Planning Document approximately every five years in line with the Local Plan review. Anticipated in 2024.	PCC	FloW Partnership	High	<b>In progress</b> – This is likely to be completed in 2025 due to the potential legislative relating to Schedule 3 of the Flood & Water Management Act, which is outlined in the main body of the report.	2024 (Updated –2025)
7	Community engagement	Undertake and co-ordinate appropriate engagement activities to promote greater awareness of flood and water-related management in Peterborough to include; <ul style="list-style-type: none"> <li>- Promotion of flood warning services from the Environment Agency and Met Office</li> <li>- Awareness events using the Flood Mobile <ul style="list-style-type: none"> <li>- Sharing any live telemetry data</li> </ul> </li> <li>- Sharing advice for preparing for, responding to, and recovering from flooding</li> <li>- Raising general awareness of riparian responsibilities</li> <li>- Working with Rivercare groups in Peterborough</li> </ul>	FloW Partnership	FloW Partnership, landowners, communities	High	<b>In progress</b> – In 2021 we commissioned the Flood Mobile to visit various locations across the city including Peakirk, Paston, Gunthorpe and are seeking to do more as budget allows. We have recently moved our website in-house which offers advice to residents and potential developers on SuDs and flood prevention measures. We continue to communication through Flood wardens and have the newly formed MAG007 group (PCC, AW, IDB's, Cllrs)	Ongoing
8	Flood wardens	Work to recruit new flood wardens, train and support existing wardens and community groups. Including supporting the development of community and household flood plans.	PCC and EA	FloW Partnership, RiverCare,	High	<b>In progress</b> – We have recruited a new flood warden at Thorpe Meadows, additionally we have a current flood warden overseeing the neighbouring Riverside Gardens area whereby the Thorpe Meadows watercourse links both sites. but the EA rowed back on Flood Warden training, we are looking to encourage this process and arrange new sessions.	Ongoing
9	Multi Agency Flood Plan	Update the Cambridge and Peterborough Multi-Agency Flood Plan and contribute to multi agency events to test the implementation of that plan.	CPLRF	N/A	High	<b>Completed</b> – The PCC Resilience Team has published the following reports: Community Resilience Plan, Household Emergency Plan and Business Continuity Plan.	2023
10	Understanding the future risk	Develop previous assessments of future flood risk and evidence building in the Peterborough Catchment Manual to improve understanding of how flood risk may change to communities over time and how this may be used to inform planning and investment in future.	PCC	All	Medium	<b>In progress</b> – We continue assess impacts and gather data to record on GIS so we can build out knowledge of the Peterborough Catchment. Should flooding occur we undertake section 19 investigations to determine the likely cause of the flooding and seek to address issues where possible through the interventions and partnership working.	2027

11	<b>Werrington Brook Improvements</b>	Monitor improvements and changes to maintenance practices. Identify learning from the scheme that could be introduced to provide benefit elsewhere in Peterborough.	EA and PCC	Werrington Neighbourhood Council, Welland Valley Partnership	Medium	<b>In progress</b> – Collaborative work has taken place with PCC and the EA with the latest being that Siltex was applied to clear the algae problem experienced during the summer months.	2025
12	<b>Paston Brook Flood Alleviation Scheme</b>	Comprehensive review of flood risk, investigating appropriate solutions to manage the risk of both surface water, sewer, and main river flood risks.	EA	PCC, AW, National Highways	High	<b>In progress</b> – A meeting was held with the EA where various improvements were discussed and it was agreed a site survey would follow, to determine the best course of action.	2025
13	<b>Rivergate</b>	Work with local businesses and partners to better understand the risk around Rivergate. Undertake additional mapping of sewers if needed. Determine whether further works are required to manage the surface water flood risk.	PCC	AW, local businesses	High	<b>In progress</b> – Following the flooding issues on Bourges Boulevard collaborative work was undertaken with Anglian Water and Asda in order to map and potentially utilise additional storm water pipes.	2024
14	<b>Peterborough Adaptation Plan</b>	Contribute to the development of a partnership adaptation plan for Peterborough to enable the city to be more resilient to changes in severe weather, climate, resource availability etc.	PCC	FloW Partnership, Environment Capital Steering Group	Medium	<b>In progress</b> – The technical experts to support the development of the adaptation plan are currently being procured with the work expected to be completed by end March 2025.	Ongoing
15	<b>Welland and Dogsthorpe flood alleviation scheme</b>	Work with partners and the community to better understand the risk in this area and to develop options for reducing surface water flood risk.	PCC	AW, community	High	<b>In progress</b> – In partnership with Anglian Water investigations are being carried out on various areas such as Lincoln Road, where AW have commissioned, and external consultancy and we have been engaging in this process around the sustainability options available as well as other opportunities local to this scheme.	2027
16	<b>City centre combined sewers</b>	Partnership working to investigate options for significant removal of surface water discharges into combined sewers to reduce flood risk from combined sewers and reduce the need to treat rainwater at Flag Fen Water Recycling Centre.	PCC and AW	N/A	High	<b>In progress</b> – Work is underway to work in partnership with Anglian Water on various retrofit SuDs schemes in the city centre area, as well as part of the Station Quarter. Furthermore, the drainage team have put in a bid for funding a 'Grey-to-Green' SuDs scheme for the Northminster area, which we are hoping to hear from in due course.	2027
17	<b>Partnership data sharing</b>	Use learning from recent flood events in Peterborough and neighbouring authorities to inform a review of how flood event data is shared among partners in both normal	PCC	FloW partnership	Medium	<b>In progress</b> – We work in partnership with both AW and the EA who share data frequently from Digdat and the flood maps, respectively.	2023

		operation and emergencies. Including sharing of 'on the ground' information such as water levels.				Our long-term aim is to enter data into our own GIS system to build our understanding of the city however, this will take time to generate.	
18	<b>Flood storage capacity study</b>	Carry out a review of the strategic assets in Peterborough, their condition, capacity and potential to help the city adapt to future risk.	PCC and EA	FloW partnership	Medium	<b>In progress</b> – The EA are leading on this through the Nene Water Management Group which sit on a regular basis and which PCC are in attendance. The agenda is broad and includes workshop sessions whereby the flood mitigation assets on the Nene are assessed, including flood storage and early-stage reservoir feasibility studies.	2025
19	<b>DWMPs</b>	Contribute to the development of the Drainage and Wastewater Management Plans.	AW	FloW partnership	Medium	<b>Completed</b> – AW issued a report in May 2023 outlining their ambitions to reducing pollution and increasing storage potentially via the development of reservoir proposals in the future. It is a 25-year plan to manage and recycle over the next 25 years.	2023
20	<b>Future Fens</b>	Contribute to the development of Future Fens projects.	EA and WRE	FloW partnership	Low	<b>In progress</b> – Phase 1 baseline studies have been completed and the project in phase 2. The baseline evidence for this project is already available on the Associate of Drainage Authorities website, which highlights the scale of the challenge that is faced in the future for the Fens in the River Great Ouse catchment and future phases of the project. Given the small area of PCC that will be affected the impact on PCC watercourses will be negligible however, we will remain party to discussions throughout the project.	2027
21	<b>Highways SuDS Standards</b>	Update of the local highways development control estate road specification to incorporate Sustainable Drainage Systems.	PCC	N/A	Medium	<b>Completed</b> – PERCS 2024 (Peterborough Estate Road Construction Specification) is nearing publication and for the first time includes technical details of SuDs Systems PCC would like to see on all new estate roads, this ensures Highways will be able to specify and refer to this technical information when reviewing road adoption applications. Anticipated to be published in Nov/Dec.	2024
22	<b>Develop long term maintenance programmes</b>	Maintenance programmes for the drainage assets serving Peterborough's parkways and villages to be developed with capacity bids or similar funding routes to be pursued.	PCC	N/A	Medium	<b>In Progress</b> – Annual maintenance of the road gullies and parish dyke systems is ongoing however it is anticipated that we will enter a bid for additional funding as, this budget was cut by one-third previously and the cost of doing	2023

						the work as increased, resulting in the council getting less for the already reduced budget. In addition, we would like to add a point of clarity in that the Parkway systems or the Strategic Road network is the responsibility of National Highways.	
23	<b>Natural Flood Management</b>	Support partnership delivery of Nature Based Solutions to provide multiple benefits to the water environment, including for flood risk.	All	N/A	Medium	<b>In progress</b> – We are exploring various projects to utilised SuDs systems to mitigate flood risk while enhancing the environment for residents. Most notably is the recent bid for our Northminster 'Grey-to-Green' project whereby we are seeking £50k to develop a concept project with one of the country's leading architects in this field, we are hoping to hear back on this bid in Nov/Dec.	2027
24	<b>Review of use of telemetry</b>	Analyse data, review effectiveness of thresholds and locations of existing water level and rainfall devices. Consider new priority locations	PCC	N/A	Low	<b>Completed/In Progress</b> – This will always be classed as 'ongoing' due to the nature of the aim however, in 2023 we did a review of the current system in place and relocated one sensor to a better location and updated the data loggers at other locations to ensure the data provided is accurate. We will continue to monitor the effectiveness of this system.	Ongoing
25	<b>Thorpe Meadows Electric Cut Scheme</b>	Delivery of habitat and flow improvements to electric cut to consider additional benefits for local drainage infrastructure and amenity value	RNRP	PCC	Medium	<b>Completed</b> - This work was undertaken by Nene Rivers Trust in partnership with Peterborough City Council during December 2022, works included re-opening of the old channel to restore flows, reed/vegetation management and in places silt removal.	2023

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