

## Severn Grove, Romilly Crescent and Conway Road Community Flood Plan/Kings Road CFP

### Notes on property flood resilience (PFR) meeting question and answer session 10 February 2025.

*Note- these notes are not a comprehensive action plan for PFR. Please see guidance mentioned in presentations.*

TW explained that the overall flood risk from the sea and from the River Taf is low with 1:100 year flood defences along the Taf and on the barrage proving effective.

TW said that if flooding occurs it is likely to subside in hours (say 6) rather than days. It is also likely to be inches (cm) rather than feet (metres) in depth though shallow water can still cause harm.

On the basis of above, expensive PFR measures such as rigid gates and barriers are not advised. Also low cost flood resistance measures may not be effective in a serious flood. Therefore, checking insurance cover for flood cover, signing up to flood warnings and Met Office severe weather warnings, moving valuable belongings upstairs or to a higher shelf and incorporating flood recovery measures in house construction such as solid floors were a good idea. The latter could potentially be done over time- there is less urgency in this area than medium risk areas.

Kings Road has very low risk of surface water flooding which informed TW's presentation conclusions. It was noted that there was medium and low surface water flood risk on Romilly Crescent and low risk on Severn Grove. This is the most likely source of flooding here in the short term as storms are increasing in frequency and volume of rainfall. Residents were encouraged to sweep up leaves to allow road gulleys/drains to do their work throughout the area.

SD (Cardiff Council) advised some low cost flood protections such as Flood Sax (more effective modern sand bags) which can be used in dealing with shallow and short lived floods. These are around £7 each- £140 for a box of 20- some suppliers charge much more. Flood resistant airbricks are possibly worthwhile- ones that look like normal airbricks are available- not just covered airbricks.

There was concern about walls leaking due to old construction- repointing is a good idea but there is the issue of adjacent terraced houses possibly flooding each other through party walls.

Non-return valves are possible but should only be fitted with caution on the owner's property (not public realm)- possibly using a plumber who understands the function of each pipe.

Cellars- it was agreed it was worth blocking any outlet drain at the time of flood to prevent backflow.

Despite low flood risk from river and sea, SD considered a Personal Flood Plan a good idea as it provides essential information and a useful checklist which may prove invaluable in the case of a flood emergency.

One resident took from the meeting that we should not be complacent and asked if climate change was taken into account in flood protection measures and could AI predict likely floods more accurately? Panel said that flood defences were based on worst case 1:100 flood levels plus 40% and were not convinced that AI could predict real world flood situations where human judgement may be superior.