

Annex B: Example of recent localised flood mitigation effort

Yishun Ave 7 is a flood risk area that last encountered a flash flood in April 2025. PUB identified the cause of flooding to be an undersized culvert across Yishun Ave 7 and the downstream roadside drain up to Yishun Street 22, which created a bottleneck causing water to back up in the drain and flood the road.



Downstream measure: Flood boards were mounted onto drain railings to prevent overspill of stormwater from the drain onto adjacent land.



Upstream measure: Weirs were installed to slow down stormwater flow into downstream roadside drains.

PUB has since installed weirs at the upstream drains along Yishun St 22 and Yishun Ave 7. These weirs help to reduce speed of water flowing from upstream sections and regulate flow into the downstream roadside drains. As a further precautionary measure, PUB modified the railings along Yishun Ave 7 into flood guard rails by mounting flood boards onto the railings. These act as barriers to prevent excess stormwater from spilling onto adjacent land. A one-way flap valve has been installed to allow surface runoff to drain into the channel, minimising the risk of flash floods during and after rain events. We are monitoring the effectiveness of these measures.