

Board 8: Analysis of Secondary Flooding

What is Secondary Flooding?

When flood barriers (such as walls) are placed along the river, the normal drainage pathways for runoff from town will be blocked. This can cause secondary flooding.

This board shows the locations of secondary flooding as predicated by the model, and indicates how secondary flooding will be eliminated or reduced.

Cumloden Road Gardens

Secondary flooding of private gardens from road runoff and overflow from the sewers.

This will be reduced by installing tide flap valves in the flood walls in each private garden.

King Street

Secondary flooding is caused by road runoff from Kings Street. Ponding of water could flood nearby properties.

This will be eliminated by installing a new outfall pipe to drain flood water.

Mortons Entry

Secondary flooding from road runoff from Victoria Street flowing down Morton's entry.

This will be reduced by installing a new outfall pipe and a pumping station.

Arthur Street

Secondary flooding is caused by road runoff from Mitchell Terrace and Arthur Street. Ponding occurs around the CSO Chamber.

This will be reduced by installing new drainage channels and outflow pipes to drain the flood waters.

Riverside Drive

Secondary flooding is from a combination of road runoff, from Albert Street, Goods Lane and Riverside Drive, and overflow from sewers in the car park.

This will be eliminated by installing a new drainage system, a new outfall pipe, a storm water storage facility, and a pumping station.

