



Legend

- Main Rivers
- Ordinary Watercourses
- No Risk
- Low Risk
- Medium Risk
- High Risk

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for
SUNDERLAND CITY COUNCIL
LEVEL 1 STRATEGIC FLOOD RISK ASSESSMENT

SET C - NWL DRAINAGE AREAS AT RISK

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User Notes

This map has been produced using Drainage Areas GIS data supplied by NWL and has been provided on one map for the City of Sunderland. This map shows internal and external DGS records as supplied by NWL as a high level strategic dataset.

The flood risk rating of each Drainage Area has been calculated as:

No Risk	No properties on internal or external register
Low Risk	Less than 10 properties on internal register
Medium Risk	Less than 10 properties on internal and some on external register
High Risk	Greater than 10 properties on internal and some on external register

This map should be used to identify those locations where there may be a high number of historical flood records related to sewer flooding within each Drainage Area. These high risk areas could be connected to drainage related issues such as blockage as well as an overloading of the networks or inadequate drainage capacity.

Whilst this map does not necessarily mean that there are drainage problems within the area (as DGSs are historically flooded properties not current risk areas), some capital projects within the region may either be ongoing, planned or even finished that may have reduced these figures. Also, the recorded flooding events may not discharge to the problem area and will be discounted.

New large scale development will need to connect to the current drainage network, which could already have capacity issues. Adding further pressure on the system could place that new development site at risk of flooding and exacerbate the issue to the surround community.

As this map is purely based on NWL Drainage Areas (underground), it should be used in conjunction with the Areas Susceptible to Surface Water Flooding Map (overland). Both of these maps have been used to identify Critical Drainage Areas to obtain a full appreciation of surface water and drainage flooding and their interactions.