

Appendix E Pinehaven Hydrology Summary

The information presented on the following pages is extracted from the full Pinehaven Stream Flood Hydrology report, [published on 5th September 2008, MWH]. Reference should be made to the full hydrology report when considering hydrology within the Pinehaven catchment, and the extract within this appendix should not be relied upon in isolation.

Hydrology is one component of modelling flood risk, and alone does not provide a complete picture of flood risks within a catchment. The table below shows the results of peak flow calculations made to develop the hydraulic (flood) model at a subcatchment level. The subcatchment locations are shown in the map below.

These numbers have been included in this appendix for reference purposes, and should not be used as a substitute for detailed, site specific assessments.

The information does not include the effects of climate change.

SUBCATCHMENT	PEAK FLOW (m ³ /s, rounded 2dp)
A	2.54
B	3.08
C	1.61
D	2.14
E	2.26
F	2.72
G	1.78
H	1.90
I	0.97
J	1.52
K	1.64
L	1.23
M	0.77
N	0.88
O	1.20
TOTAL	26.16

1-in-100 year peak flow hydrology for the Pinehaven Stream subcatchments A-O, developed for Hydraulic Modelling of the Pinehaven Stream Floodplain. Values shown do not include the effects of climate change.

Total shows accumulated total of all flow peaks, and does not represent the flow total at the bottom of the catchment, due to time to concentration.

