

Subject: FW: 237 Chamberlayne Road and 5b Derby Road application ref. F/23/95574 - planning obligations
Attachments: SuDS Design for Planning 100yr +45% Results.pdf

Hi Jitka

Responses as follows:

Blocked existing sw drain – this will be cleared, and the connection point established as part of the development works, it is evident from the survey that existing site drains to this sewer.

Responsibility for existing private sewer – this will remain the responsibility of the existing owner of the sewer, or passed to the developer.

Urban creep – the entire red line boundary area has been modelled for the storm water catchment, due to the confined nature of the site, therefore urban creep is included by default.

45% Climate Change – this has been modelled, the impact being water levels will rise in the system by 21mm, see attached calculations., this can be accommodated in the system without flooding.

Simple Index Approach – Tables 26.2 and 26.3 of the SuDS Manual have been referred and the results are shown below, it can be seen that permeable paving will adequately mitigate the risk from the development.

	Hazard Indices (Residential Car Park)	Mitigation Indices (Permeable Paving)
Total Suspended Solids	0.5	0.7
Metals	0.4	0.6
Hydrocarbons	0.4	0.7

Regards

Mike

Mike Dewson
Director