

Report Ref	Required Action	Reason
8.2	Infiltration testing required or further justification regarding discharge to watercourse to be provided. Consideration to be given to use of permeable paving. <b>No infiltration test results have been made available to the designer. Design work carried out does not allow for infiltration and is therefore conservative.</b>	To demonstrate drainage proposals are in line with the SuDS hierarchy
8.3 8.4	Contributing areas to be revised to reflect SPR for a SOIL value of 4 for green area contributions.  Area contributing to the system to exclude areas not connected such as rear gardens of certain plots.  Discharge rates to be set based on area served by the surface water drainage system (exclude areas not connected to the surface water system). <b>These points has been addressed in the calculations.</b>	To ensure discharge from site is restricted to pre development $Q_{BAR}$
8.7.2	Rainfall parameters differ between network 1 and network 2. <b>Rainfall for Network 2 has been amended.</b>	Consistency and to ensure correct rainfall
8.8	A discrepancy exists for the orifice flow control for Network 2. Calculations or drawing to be revised as required. <b>Flow control altered.</b>	Consistency and to ensure correct flow control is specified
8.9.1	A discrepancy exists for a storage structure in Network 1. Discrepancy to be explained or storage updated on the drawing or calculations revised. <b>Corrected.</b>	To ensure sufficient attenuation is provided
8.10 9.1.1	Flooding is predicted from a highway gully. Impact of this flooding to be checked and consideration given to raising road level. <b>Gully flood risk designed out by modifying the network and moving flow control.</b>	To ensure acceptable flood risk for Plot 2
10	Consideration to be given to use of permeable paving or proprietary treatment system <b>AA6874 EW02E shows detail for permeable paving on plots 5-9. Note added also for remainder</b>	To ensure adequate water quality.
11	A catchment area plan should be provided for the upslope catchments. <b>Initial catchment study was carried out on previous report. Areas amended following site visit and revised study using a DTM. Dwg added to drainage Calculations.</b>	To allow checks to be undertaken on incoming flows
13	SuDS Operations and Maintenance Plan to be provided or alternatively this could be conditioned <b>Prefer to condition at this stage.</b>	To ensure adequate maintenance

**Table 14.1 Summary of recommended actions**