

# Maintenance Inspection Checklists

Table 1: SuDS Maintenance Inspection Checklist

GENERAL INFORMATION			
Site ID			
Site Location and co-ordinates (GIS if appropriate)			
Elements forming the SuDS scheme		Approved Drawing Reference(s)	
Inspection frequency		Approved Specification Reference	
Type of development		Specific purpose of any parts of the scheme (e.g. biodiversity, wildlife and visual aspects)	

	Inspection date				Inspection date			
	Details	Y/N	Action required	Date Completed	Details	Y/N	Action required	Date Completed
GENERAL INSPECTION ITEMS								
Is there any evidence of erosion, channelling, ponding (where not desirable) or other poor hydraulic performance?								
Is there any evidence of accidental spillages, oils, poor water quality, odours, nuisance insects?								
Have any health and safety risks been identified to either the public or maintenance operatives?								

	Inspection date				Inspection date			
	Details	Y/N	Action required	Date Completed	Details	Y/N	Action required	Date Completed
Is there any deterioration in the surface of permeable surfaces (e.g. rutting or signs of ponding water)?								
<b>SILT/SEDIMENT ACCUMULATION</b>								
<p>Is there any sediment accumulation at inlets (or other defined accumulation zones such as the surface of filter drains or infiltration basins and within proprietary devices)?</p> <p>If yes, state depth (mm) and extent</p> <p>Is removal required?</p> <p>If yes, state waste disposal requirements and confirm all waste management requirements have been complied with (consult Environment Agency).</p>								
Is surface clogging visible (potentially problematic where water has to soak into the underlying construction or ground (e.g. under-drained swale or infiltration basin)?								
Does permeable or porous surfacing require sweeping to remove silt?								
<b>SYSTEM BLOCKAGES / LITTER BUILD UP</b>								
<p>Is there evidence of litter accumulation in the system?</p> <p>If yes, is this a blockage risk?</p>								
Is there any evidence of any other clogging/blockage of outlets or drainage paths?								

	Inspection date				Inspection date			
	Details	Y/N	Action required	Date Completed	Details	Y/N	Action required	Date Completed
<b>VEGETATION</b>								
Is the vegetation condition satisfactory (density, weed growth, coverage etc.)? (Check against approved planting regime.)								
Does any part of the system require weeding / pruning / mowing? (Check against maintenance frequency stated in approved design.)								
Is there any evidence of invasive species becoming established? If yes, state action required.								
<b>INFRASTRUCTURE</b>								
Are any check dams or weirs in good condition?								
Is there evidence of any accidental damage to the system (e.g. wheel ruts?)								
Is there any evidence of cross connections or other unauthorised inflows?								
Is there any evidence of tampering with the flow controls?								
Are there any other matters that could affect the performance of the system in relation to the design objectives for hydraulic, water quality, biodiversity and visual aspects? (Specify.)								
<b>OTHER OBSERVATIONS</b>								

	Inspection date				Inspection date			
	Details	Y/N	Action required	Date Completed	Details	Y/N	Action required	Date Completed
Information appended (e.g. photos)								
<b>SUITABILITY OF CURRENT MAINTENANCE REGIME</b>								
Continue as current								
Increase maintenance								
Decrease maintenance								
<b>NEXT INSPECTION</b>								
Proposed date for next inspection								