

12th September 2022

SuDS Maintenance Schedule

Client: Bliss Homes Developments

Project: Luddington

Principal Contractor: Client to confirm

Maintenance of the SuDS systems proposed for this site will be in accordance with the recommendations within The SuDS Manual (CIRIA C753, 2015) along with any recommendations provided by suppliers and product specifications.

Features adopted by authorities such as drainage authorities, will be maintained under their normal regime of inspection and maintenance.

Operation and maintenance requirements for permeable paving

Maintenance schedule	Required action	Typical frequency
Regular maintenance	Brushing and vacuuming (standard cosmetic sweep over whole surface)	Once a year, after autumn leaf fall, or reduced frequency as required, based on site-specific observations of clogging or manufacturer's recommendations – pay particular attention to areas where water runs onto pervious surface from adjacent impermeable areas as this area is most likely to collect the most sediment
Occasional maintenance	Stabilise and mow contributing and adjacent areas	As required

	Removal of weeds or management using glyphosate applied directly into the weeds by an applicator rather than spraying	As required – once per year on less frequently used pavements
Remedial Actions	Remediate any landscaping which, through vegetation maintenance or soil slip, has been raised to within 50 mm of the level of the paving	As required
	Remedial work to any depressions, rutting and cracked or broken blocks considered detrimental to the structural performance or a hazard to users, and replace lost jointing material	As required
	Rehabilitation of surface and upper substructure by remedial sweeping	Every 10 to 15 years or as required (if infiltration performance is reduced due to significant clogging)
Monitoring	Initial inspection	Monthly for three months after installation
	Inspect for evidence of poor operation and/or weed growth – if required, take remedial action	Three-monthly, 48 h after large storms in first six months
	Inspect silt accumulation rates and establish appropriate brushing frequencies	Annually
	Monitor inspection chambers	Annually

Operation and maintenance requirements for guttering, gullies and piped drainage system

Maintenance schedule	Required action	Typical frequency
Regular maintenance	General removal of litter and debris.	Monthly (or more frequently if required)
	Cleaning of gullies, drainage channel and drainage channel sump units to remove debris and silt.	6 monthly, after autumn leaf fall (or more frequently if necessary)
	Cleaning of manholes to remove debris and silt.	Annually, after autumn leaf fall (or more frequently if necessary)

	Inspection of all access chambers, inspection chambers, manholes and proprietary storage units to identify and make good any defects as necessary.	Annually
	If the system allows rainfall infiltration from above, check filter surface for blockages. Remove and replace infiltration material if deemed necessary.	Annually
	Remove sediment from pre-treatment structures.	Annually or as required
	Inspect inlets, outlets, vents and overflows to ensure they are operating as designed.	Annually
Remedial Actions	Clear blockages in rainwater downpipes and branch connections.	As required
	Clear blockages in gully outlets, drainage channel sump units and branch connections.	As required
	Clear blockages in proprietary storage units.	As required
	Remedial work to repair inlets, outlets, overflows and vents.	As required
Monitoring	Survey inside of storage area for sediment build up. Remove sediment if required.	As required