

Maintenance Schedule - All Maintenance to be carried out in accordance with CIRIA 753

Permeable Paving		
Monitoring	Monitor inspection chambers	Annually
	Inspect silt accumulation rates and establish appropriate brushing frequencies	Annually
	Inspect for evidence of poor operation and/ or weed growth - if required, take remedial action	Three monthly, 48 hours after large storms in first six months
	Initial inspection	Monthly for three months after installation
Remedial action	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)
	Remedial works 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
	Remediate and landscaping which through vegetation maintenance or soil slip has raised to within 50mm of the level of the paving	As required
Occasional maintenance	Stabilise and mow contributing adjacent areas	As required
	Removal of weed 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
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 manufacturers recommendations - pay particular attention to areas where water runs onto pervious surface from adjacent impermeable areas as this area is most likely to collect most sediment
Manhole and Rodding Eye		
Monitoring	Lift pumping station cover and inspect to determine condition of chamber and pump. Remove debris	Monthly during first half year of operation, then every six months
Routine maintenance	Inspect manholes and remove any silt or debris from base and ensure that they are clean.	Six monthly
	Jet pipework to remove debris/silt from rodding eye	As required
Attenuation Pond		
Remedial action	Repair erosion or other damage by reseeding and re-turfing	As required
	Realignment of rip-rap	As required
	Repair/rehabilitation of inlets, outlets and overflows	As required
	Relevel uneven surfaces and reinstate design levels	As required
Occasional maintenance	Reseed areas of poor vegetation growth	As required
	Prune and trim any trees and remove cuttings	Every 2 years, or as required
	Remove sediment from inlets, outlets, forebay and main basin when required	Every 5 years, or as required
Regular maintenance	Remove litter and debris	Monthly
	Cut grass - for spillways and access routes	Monthly (during growing season), or as required.
	Cut grass - meadow grass in and around basin	Half yearly (spring- beofre nesting season, and autumn)
	Manage other vegetation and remove nuisance plants	Monthly at start, then as required
	Inspect inlets, outlets and overflows for blockages, and clear if required	Monthly
	Inspect bankside, structures, pipework etc for evidence of physical damage	Monthly
	Inspect inlets and facility surface for silt accumulation. Establish appropriate silt removal frequencies	Monthly for first year, then annually or as required.
	Tidy all dead growth before start of growing season	Annually
	Remove sediment from inlets, outlets and forebay	Annually or as required
	Manage wetland plants in outlet pools - where provided	Annually
Rain Garden		
Monitoring	Inspect and document presence of wildlife	Annually or as required
	Inspect/check all inlets, outlets and overflows to ensure that they are in	Monthly
Occasional maintenance	Repair/rehabilitate inlets, outlets, overflows and vents.	As required
	Remove nuisance and invasive vegetation	Annually or as required
	Re-mulch and re-seed to repair erosion	Six monthly
	Scarify and spike topsoil to prevent compaction and improve infiltration	As required
Regular maintenance	Check for poor vegetation growth, prune and trim dying shrubs	Six monthly
	Remove litter debris from catchment surface	Monthly
	Mulching	Monthly
	Inspect and identify any areas that are not operating correctly. If required, take remedial action	Monthly for 3 months, then six monthly or after heavy rainfall
Soft landscaping		
Regular maintenance	Replace any plants, to maintain planting density	As required
	Remove litter and surface debris and weeds	Quarterly
Regular inspections	Assess plants for disease infection, poor growth, invasive species etc and replace as necessary	Quarterly
Other		
Monitoring	Lift flow control chamber cover and inspect to determine condition of chamber and flow control device. Remove debris	Monthly during first half year of operation, then every six months
Routine maintenance	Inspect manholes and remove any silt or debris from base and ensure that they are clean.	Six monthly
Routine maintenance	Jet pipework to remove debris/silt	As required