

SuDS Components and Maintenance

SuDS Component	Description	Maintenance Activity	Maintenance managed by ManCo. and undertaken by	Maintenance managed by IWIN and undertaken by	Frequency
Detention Basins	Landscape depression for rainfall event attenuation.	Grass Cutting	Ground Maintenance Contractor (GMC)		Every two weeks in Summer, monthly in winter. Cut the meadow grass in Spring, before nesting season, and Autumn
		Litter Removal	GMC		Every two weeks in Summer, monthly in winter
		Bank Strimming	GMC		Six Monthly
		Vegetation management	GMC		Annually tidy all dead growth before start of growing season and manage wetland plants in outlet pool - where provided
		Fence Repair	Minor - GMC	Fencing Contractor	As/if required (Every 12 mths for minor)
		Structural inspections		Chartered Engineer (Internal or External)	Annually remove sediment from inlets, outlet and forebay (or as required)
		Bank Repair/Silt Removal		Specialist (E.g. Lanes for Drains)	Anticipated as max 12 monthly more likely 24 monthly.
		Headwall Repair		Specialist (Groundworks Contractor)	As/if required (Every 36 mths for minor)
Ponds and wetlands	Permanent pool of water. Designed to promote vegetation.	Grass Cutting	Ground Maintenance Contractor (GMC)		Every two weeks in Summer, monthly in winter. Spring, before nesting season, and Autumn
		Litter Removal	GMC		Every two weeks in Summer, monthly in winter
		Bank Strimming	GMC		Six Monthly
		Pond vegetation management	GMC		Annually remove 25% of bank vegetation from water's edge to a minimum of 1m above water level. Annually tidy all dead growth before start of growing season
		Fence Repair	Minor - GMC	Fencing Contractor	As/if required (Every 12 mths for minor)
		Structural inspections		Chartered Engineer (Internal or External)	Six Monthly
		Bank Repair/Silt Removal		Specialist (E.g. Lanes for Drains)	Anticipated as max 12 monthly more likely 24 monthly. Inspect silt accumulation rates Six Monthly in any forebay and in main body of pond, undertake contamination testing once some build-up has occurred
		Headwall Repair		Specialist (Groundworks Contractor)	As/if required (Every 36 mths for minor)
Attenuation storage	Large below ground voided spaces for temporary storage.	Access security - covers	GMC		Six Monthly
		Walkover survey	GMC		Six Monthly
		Structural inspections and operation review		Chartered Engineer (Internal or External)	Six Monthly
		Silt Removal		Specialist (E.g. Lanes for Drains)	Anticipated as max 12 monthly more likely 24 monthly.
Swales	Vegetated Channel to convey and treat runoff. (Wet or dry design).	Grass Cutting	Ground Maintenance Contractor (GMC)		Every two weeks in Summer, monthly in winter. Inspect vegetation coverage (monthly for 6 months, quarterly for 2 years, then half yearly)
		Litter Removal	GMC		Every two weeks in Summer, monthly in winter
		Bank Strimming	GMC		Six Monthly
		Channel Clearance	GMC		Six Monthly
		Structural inspections		Chartered Engineer (Internal or External)	Six monthly
		Bank Repair/Silt Removal		Specialist (E.g. Lanes for Drains)	Six Monthly inspect inlets and facility surface for silt accumulation, establish appropriate silt removal frequencies
Flow Control Devices	Used with the above features to control discharge rates, hydrobreaks. (Vortex/Float design).	Access security - covers	GMC		Six Monthly
		Walkover survey	GMC		Six Monthly
		Structural inspections and operation review		Chartered Engineer (Internal or External)	Six Monthly
		Mechanical repair		Specialist (Hydro International)	As required anticipated as maximum regularity of thirty six months.