

48867-ECE-XX-XX-RP-C-0001  
AT/CH

17<sup>th</sup> June 2025

## SuDS Maintenance Schedule

---

**Client:** Harron Homes

**Project:** Merchant Fields, Cleckheaton

---

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.

The maintenance schedule below should be followed to ensure flood risk on site does not increase through system blockages or poor maintenance.

Following the maintenance schedule is required to ensure the drainage features remain functional for the lifetime of the development. Maintenance access requirements will also need consideration.

---

Eastwood Consulting Engineers is a trading name of Eastwood and Partners (Consulting Engineers) Limited  
Registered Office: St Andrew's House, 23 Kingfield Road, Sheffield, S11 9AS, Company No: 1835021, VAT Registration No: 738 2114 44

**Directors:** S R Ellis BEng CEng MStructE MICE | S J English BEng CEng MStructE | C A Topliss BSc CEnv CSci CGeol SiLC FICE FGS  
A R Priest BEng | A G Marshall BEng CEng MStructE

**Technical Directors:** A Allison BEng | M P Chappell BEng CEng FStructE | K Edwards MSci CGeol FGS  
C Hodge EngTech MICE | A J Kerslake BEng FGS

**Associates/Principals:** A M Cross MEng CEng MICE | A Lavelle MEng CEng MICE | R A Noble BSc FGS | C L Capes BSc FGS | R Wall BSc CGeol FGS  
W T Chidawanyika BSc CEng MIEI MICE | A J Cartlidge MEng CEng MStructE | C J Burgoyne BSc IEng MICE  
G C Burgin BSc MSc FGS | J G Morris MEng CEng MStructE MICE

**Consultants:** P Richardson BSc CEng MICE FStructE | S D Preston BEng CEng FICE FStructE | K R Pursall BEng CEng MStructE

## Operation and maintenance requirements for detention basins

Maintenance schedule	Required action	Typical frequency
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 – before 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 banksides, 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
	Check any penstocks and other mechanical devices	Annually
	Tidy all dead growth before start of growing season	Annually
	Remove sediment from inlets, outlet and forebay	Annually (or as required)
Occasional maintenance	Manage wetland plants in outlet pool – where provided	Annually (as set out in Chapter 23)
	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 (likely to be minimal requirements where effective upstream source control is provided)
Remedial actions	Repair erosion or other damage by reseeding or 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

## Operation and maintenance requirements for sub surface storage

Maintenance schedule	Required action	Typical frequency
Regular maintenance	Inspect and identify any areas that are not operating correctly. If required, take remedial action	Monthly for 3 months, then annually
	Remove debris from the catchment surface (where it may cause risks to performance)	Monthly
	For systems where where rainfall infiltrates into the tank from above, check surface of filter for blockage by sediment, algae or other matter; remove and replace surface infiltration medium as necessary.	Annually
	Remove sediment from pre-treatment structures and/or internal forebays	Annually or as required
Remedial actions	Repair/rehabilitate inlets, outlets, overflows and vents	As required
Monitoring	Inspect/check all inlets, outlets, vents and overflows to ensure that they are in good condition and operating as design	Annually
	Survey inside of tank for sediment build-up and remove if necessary	Every 5 years or as required