

Drainage Maintenance Schedule



Project	Wicks Farm, Ford
Project Number	23314

By S Burgess

Date 16 June 2020

1 Schedule of Maintenance

- 1.1 Once appointed the Contractor will prepare a site specific method statement for the control of silt and other pollutants during construction. CIRIA Report C532, Control of water pollution from construction sites, provides further guidance on this.
- 1.2 The Contractor will maintain the proposed drainage system during construction and until the handing over of the site.
- 1.3 Upon completion, responsibility for regular and corrective maintenance of all elements of the drainage system will be passed on to a Site Operator and managed by them.
- 1.4 An initial pre-handover inspection of the scheme will be undertaken to ensure that it has been constructed as designed.
- 1.5 Provisions will be made to replace any infrastructure that has reached the end of its serviceable design life and will be replaced on a like for like basis as far as reasonably practicable.
- 1.6 The following maintenance schedules detail the typical tasks to be undertaken at different intervals and is based on the maintenance requirements outline in Chapter 32 of CIRIA document C753 'The SuDS Manual'.

Maintenance Schedule	Required Action	Frequency
Regular / Occasional Maintenance	Inspections and reporting on the whole drainage system	2 monthly or after significant storm events*
	Litter and debris removal – catch pits, Hydrobrake control device, swales and ponds.	Monthly or as required
	Grass Cutting – swales and ponds	Monthly or as required
	Weed and invasive plant control - swales and ponds	As required
	Shrub Control - swales and ponds	As required
	Aquatic and shoreline vegetation management	As required
	Surface and foul water pipework, channel drains, headwalls and fin drains – jetting / rodding	Every 2 years or as required
	Remove sediment and debris from silt trap chambers, channel drains and inlet chambers	6 monthly
	Remove sediment and debris from swales and ponds	Once a year
	Inspection of foul pumping station	Once a year



* During the first year of operation inspections will usually be carried out monthly and/or after significant storm events to ensure that the system is functioning as designed and that no damage is apparent.

Maintenance Schedule	Required Action	Frequency
Corrective Maintenance	Remove debris and/or blockages from the drainage systems including, silt traps, channel drains, fin drains, Hydrobrake control device and headwalls	As required
	Repairs to access chambers, pipework, silt traps, manhole covers, fin drains, channel drains, headwalls and grilles	As required
	Inspect inlet, outlet from downpipe and gullies for blockages, standing water and clear	As required
	Service and/or repair foul pumping station apparatus	As required/ when alarm indicates
	Replace Hydrobrake control device	As required/every 25 years
	Replace foul pumping station	As required/every 10 years

Indicative Schedule of Maintenance for the Proposed Drainage System

2 Financing

2.1 The regular and corrective maintenance of all elements of the drainage system will be managed and funded through by the Site Operator-

Inspection / Action Required	Gullies, Channels, Fin Drains and Gutters	Catchpits / Inspection Chambers	Surface and Foul Water Pipework	Headwalls and Grille	Ponds/ Swales	Hydrobrake Control Device	Foul Pumping Station
After leaf fall in Autumn	✓	✓					
Monthly	✓				✓		
2 Monthly	✓	✓	✓	✓	✓	✓	✓
6 Months	✓	✓		✓			
1 Year					✓		✓
2 Years			✓				
10 Years							✓
25 Years						✓	
When alarm indicates							✓

Drainage System Maintenance Summary