Drainage Maintenance Schedule - Fleet Road, Holbeach Phase 2

Schedule	Feature	Location	Inspection Type	Inspection Frequency	Required Action	Maintenance Works	Maintenance Intervals	Comments
Regular Maintenance	Permeable Paving	Parking bays	Visual	3 Months	Removal of litter and debris	Litter removal	Monthly (or as required).	Maintenace interval subject to condition of porous paving
	Permeable Paving	Parking bays	Visual	3 Times per year (see comments)	Sweeping and jet wash to remove silt and sediment build up from permable paving surface	Silt removal	3 Times per year (see comments)	Inspection/Maintenance should be as follows: - End of winter (April) - Mid Summer (July/Aug) to remove dust, flower/grass deposits - After Autumn leaf fall (November)
	Swales	Entire site	Visual	3 Times per year (see comments)	Remove litter and debris, cut grass, inspect infiltration surfaces for ponding, compaction, silt accumulation, record areas where water is ponding	Silt removal	3 Times per year (see comments)	Maintenance interval subject to Visual Inspection findings
	Flow Control Chamber	At Attenuation Pond Outfall chamber	Visual	3 Months	Removal of litter and debris	Silt / Debris removal	6 Months (or as required)	Maintenance interval subject to Visual Inspection findings
Occasional Maintenance	Foul & Surface Water Chambers	Entire site	Visual	6 Months	Remove silt and leaf build up from gullies, chambers, gutters etc.	Silt / Debris removal	As required (debris max. 60% of capacity)	Maintenance interval subject to Visual Inspection findings
	Road & Yard Gullies	Entire site	Visual	6 Months	Mechanical silt removal from sump	Silt / Debris removal	As required (debris max. 60% of capacity)	Maintenance interval subject to Visual Inspection findings
	Flow Control Chamber	At Attenuation Pond Outfall chamber	Visual	6 Months	Mechanical silt removal from sump	Silt / Debris removal	As required (debris max. 60% of capacity)	Maintenance interval subject to Visual Inspection findings
	Permeable Paving	Parking bays	Visual	6 Months	Manual removal of weeds	Weed removal *	6 Months (or as required)	Maintenance interval subject to Visual Inspection findings

Schedule	Feature	Location	Inspection Type	Inspection Frequency	Required Action	Maintenance Works	Maintenance Intervals	Comments
	Atteunation Pond	Southern boundary	Visual	6 Months	Removal from debris	Silt / Debris removal	6 Months (or as required)	Maintenance interval subject to Visual Inspection findings
Remedial Actions	Foul & Surface Water Drainage	Entire site	Visual	12 Months	Remove and dispose of oils or fuel (diesel & petrol) residues using safe standard practices.	Safe removal or contaminant residues	As required.	As required.
	Swales	Entire site	Visual	6Months	Repair erosion, relevel uneven surfaces, scarify and spike topsoil layerto improve infiltration performance, remove built up sediment	Silt/Debris removal	As required.	As required.
	Attenuation Pond	Southern boundary	Visual	6 Months	Removal from debris	Silt / Debris removal	As required.	Maintenance interval subject to Visual Inspection findings
	Permeable Paving	Parking bays	Visual	12 Months	Infiltration surface rehabilitation	Replace broken or cracked pavious **	As required or following poor performance.	Maintenance interval subject to Visual Inspection findings
	Permeable Paving	Parking bays	Visual	12 Months	Infiltration surface rehabilitation	Relay any areas of settlement	As required or following poor performance.	Maintenance interval subject to Visual Inspection findings
Monitoring	Foul & Surface Water Drainage	Entire site	Visual	12 Months	Walk over inspection for condition (breaks, lifting & missing) of chamber covers and grates.	Replace broken or cracked inspection chamber covers	As required.	Maintenance interval subject to Visual Inspection findings
	Permeable Paving	Parking bays	Visual	Monthly for first 3 Months	Initial inspection to ensure performance	Top up grit between paviours	As required.	Maintenance interval subject to Visual Inspection findings
	Attenuation Pond	Southern Boundary	Visual	12 Months	Survey inside of pond for sediment build-up and remove if necessary	Remove sediment as required	5 Years or as required.	Maintenance interval subject to Visual Inspection findings

* If weeds are persitent, weed killer may be used to reduce the requirement for manual weed removal.

** Any block which is to be replaced should be bedded on anew layer of grit / sand.

*** If re-construction is necessary, the following procedure should be followed: 1. Lift surface layer and laying course, 2. Remove and geotextile filter layer, 3. inspect sub-base and wash/replace if required, 4. Renew any geotextile layer as required, 5. Renew laying course, jointing material and block paviours. Note: this is deemed unlikely to occur and thus unlikely to be implemented

Maintenance procedures to be undertaken in accordance with Ciria 753. This schedule should be read in conjunction with all engineering drawings