DART ENGINEERS LTD
CIVIL AND STRUCTURAL ENGINEERING

25620 Thornley Hall Farm, Thornley

Surface Water Drainage Maintenance and Management Schedule:

Attenuation Tank/Basin

Maintenance Schedule	Required Action	Frequency
Regular Maintenance	Inspect and identify areas that are not operating correctly. If required take remedial action	Monthly for the first 3 months of operation then annually
	Recover debris from catchment surface area where it may cause risk to performance	Monthly
	Remove sediment and debris from pre-tank system	Annually
Remedial Actions	Repair inlets/outlets/vents/overflows	As necessary
Monitoring	Inspect all inlets/outlets and upstream drainage system to ensure they are in good condition and operating as designed	Annually
	Survey inside of tank for sediment and build up and remove if necessary	Every 5 years

Orifice Manhole

Maintenance Schedule	Required Action	Frequency
Regular Maintenance	Remove sediment and debris from flow control chambers and upstream manholes	Monthly for first 12 months then 6 monthly
Remedial Actions	Replace or clean flow control if performance deteriorates or failure occurs	As necessary
Monitoring	Check flow control to ensure emptying is occurring	Quarterly and post high intensity storm event

Filter Drains

Maintenance Schedule	Required Action	Frequency
Regular Maintenance	Remove litter (including leaf litter) and debris from filter drain surface, access chambers and pre-treatment devices	Monthly
	Inspect filter drain surface, inlet and outlet pipework and control system for blockages, clogging, standing water and structural damage	Monthly
Occasional Maintenance	Remove to control tree roots where they are encroaching to sides of filter drain using recommended methods (NJUG, 2007 or BS 3998:2010)	As necessary
	Clear perforated pipework of blockages	As necessary

ACO Channel/Gullies

Maintenance Schedule	Required Action	Frequency
Regular Maintenance	Remove sediment and debris from gullies and channel drain	Quarterly