

**MAINTENANCE AND ACTION SCHEDULE
FOR
SURFACE WATER DRAINAGE
at**

Interchange 26, Bradford

Project No: **62954**

For: Tungsten Properties

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1. Manholes and inspection chambers should be regularly inspected and debris/silt removed, if this is not removed then it is likely to become hard packed requiring considerable effort to remove it.
2. The following are guidelines for when inspections and treatment should be carried out based on a typical private surface water drainage system and foul water drainage system. The rate of silt and debris accumulation should be monitored and the frequency of inspection may need to be adjusted based on this.

2.1. Monthly:

- Hard surfacing should be swept regularly to prevent silt being washed into the surface. This will minimise necessary maintenance of the permeable surface. (every two months during Spring and Summer)
- Approved herbicide to be applied to permeable surface to prevent foliage growing and blocking voids. (every two months during Spring and Summer)
- Lift flow manhole cover and inspect to make sure that the outfall and inlet are clear. (every two months during Spring and Summer)
- Remove litter (including leaf litter) and debris from surface of permeable paving and access chambers.

2.2. Annually:

- Inspect all gutters and gullies for sediment and debris and remove as necessary to prevent it from entering into the attenuation tank.
- Any roots that have entered the system should be removed.
- Inspect manholes and remove any silt or debris from base and ensure that they are clean.
- Any residual weeds to be removed manually.

2.3. As required:

- Jet all pipework: perforated and solid wall.
- Power wash permeable surface and relay with new permeable stone tank beneath, if required.

Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Inspect all gutters and gullies for sediment and debris and remove as necessary to prevent it from entering into the soakaways	Annually
	Any roots that have entered the system should be removed	Annually
	Roads and all car parking spaces should be swept regularly to prevent silt being washed into the surface. This will minimise maintenance	Monthly during the Autumn and Winter but to be assessed on the site
Occasional Maintenance	Inspect manholes and other chamber and remove any silt or debris from base and ensure that they are clean	Annually
Remedial Actions	Replacement of clogged geotextile (will require reconstruction of permeable paving)	As required
Monitoring	Inspect silt traps and note rate of sediment accumulation	Monthly in the first year and then annually

Catchpits, manholes and inspection chambers should be regularly inspected and debris/silt removed, if this is not removed then it is likely to become hard packed requiring considerable effort to remove it.