

Operation & Maintenance Requirements for Attenuation Tanks

The following guidance is based on Table 21.3 of CIRIA SuDS Manual (C753) 2015

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 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, outlet, 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 designed.	Annually
	Survey inside of tank(s) for sediment build-up and remove if necessary.	Every 5 years or as required.

Regular inspection and maintenance of the proposed surface sewer network and attenuation tanks is required to ensure the long-term operation of the below-ground storage system. Maintenance responsibilities for the system should be placed with a responsible organisation.

The above table provides guidance on the type of operational and maintenance requirements that may be appropriate. The list of actions is not exhaustive, and some actions may not always be required.

Maintenance schedules should be developed by the appointed responsible organisation, based on the specific type of tank that is adopted. The specific maintenance needs of the system should be monitored and the schedules adjusted to suit requirements.