

SUDS MAINTENANCE MANUAL DATA SHEET



Reference: MM-AT-01

V1 – Nov 2016

SUDS Element:

Attenuation Tanks

Function Served:

Acting as attenuation tank

Features:

Cellular crate storage with maintenance access, catch-pits to be installed upstream of tank to reduce siltation

Owned:

Management Company

Location:

Refer to drainage strategy layout drawing.

General Notes:

Maintenance strategy should be reviewed on a regular basis and performance of the maintenance activities assessed.

Reference should be made to recognised industry standards in undertaking maintenance.

Where activities are required outside ownership permission must be sought from relevant party.

Refer to section 22 of CIRIA C697 for discussion on maintenance techniques.

Requirement for reporting of inspections to be confirmed by responsible party. May be required as evidence of activities to prove activity as part of funding arrangements.

Routine Maintenance (typically monthly):

Maintenance Activity	Comments	Frequency
Litter and debris removal		Monthly
Inspect structures for evidence of poor operation		Monthly

Occasional Maintenance (typically every 6 months):

Maintenance Activity	Comments	Frequency
Inspect inlet catch pit and pre-treatment components for silt accumulation	Includes visual inspection of inlet chamber, forebay and inspection of flow control.	6 monthly
Visual inspection catch-pits, linking pipework etc for evidence of physical damage	Visual inspection from surface only, CCTV survey required if evidence present of structural issues.	6 monthly
Check mechanical devices within control chambers	Includes inspection of orifice plate for signs of damage	6 monthly

Annual Activities:

Maintenance Activity	Comments	Frequency
Remove sediment from catch-pits	Remove accumulated silt with suction tanker when 50% full.	Annual/as required

Infrequent/Corrective Activities:

Maintenance Activity	Comments	Frequency
Repair/rehabilitation of inlets and outlets.		As required
Jetting and vacuuming inspection tunnel	Remove accumulated silt with suction tanker when 20% section loss (or 100mm whichever the lesser).	As required

Note;

Attenuation crate manufacturers have supplier's maintenance guidance. This should be obtained from the supplier and appended to this data-sheet and any recommended actions above and beyond stated here should be included in the maintenance regime.