



SUDS Maintenance Regime for The Village Centre South off Camp Road, Upper Heyford Version 2- September 2017

Stormwater Maintenance Regime

This Maintenance Regime defines the scope of inspections and maintenance that are to be carried out on surface water drainage elements such as pipes, manholes/catchpits, flow controls and storage crates.

This plan provides a methodology for maintaining the above and includes:

- Guidance on the scope of inspection and maintenance requirements, including suitable personnel and frequency of inspections.
- Guidance on recommended actions that arise from the inspections.

Scope of Inspections and Maintenance

- Type of Inspections

During and following construction, regular inspections are required in order to assess their performance and to schedule any required maintenance.

Inspections are divided into two categories:

- Routine Inspections for Maintenance – which are to be carried out by any responsible person (with no professional engineering knowledge).
- Engineering Inspections for Maintenance – which are to be carried out by professional/qualified civil engineering personnel.

Item	Routine Inspections			Engineering Inspections	Renewal & Replacement Works	
	Inspection	Min. Frequency	Action	Min. Frequency		Inspections & Action over the life of the development
Pipes / Manholes / Catchpits	<p>Inspect surface access points to underground storage crates, manholes and catchpits as well as the surrounding area. Particular attention should be paid to damage or blockage.</p> <p>To be visually inspected after heavy rainfall events to ensure they are free of debris and litter.</p>	<p>6 monthly</p> <p>As required</p>	<p>Clear accumulated sediment and debris</p> <p>Actions anticipated to be carried out by Heyford Park Management Company</p>	<p>6 monthly</p>	<p>All manholes/catchpits will require to be inspected externally and internally.</p> <p>External inspections will determine the overall condition of the access points, and should record deterioration of exposed concrete, access lids, restricted access due to overgrown vegetation/debris.</p> <p>Actions anticipated to be carried out by Heyford Park Management Company or an associated professional.</p>	
Flow Control Device	<p>Inspect flow control devices for blockages, damage and general condition.</p> <p>To be visually inspected after heavy rainfall events to ensure they are free of debris and litter.</p>	<p>6 monthly</p> <p>As required</p>	<p>Clear accumulated sedimentation</p> <p>Repair/replace damaged pit covers and grates</p> <p>Actions anticipated to be carried out by Heyford Park Management Company</p>	<p>6 monthly</p> <p>As required</p>	<p>Inspections will determine the overall condition of the flow control device to ensure it is working efficiently and effectively.</p> <p>Actions anticipated to be carried out by Heyford Park Management Company or an associated professional.</p>	<p>Flow control to be replaced by a competent Contractor to the manufacturers specification</p>
Storage Crates	<p>Inspect storage crates via upstream/downstream manholes for silt/debris build-up and general condition.</p> <p>To be visually inspected after heavy rainfall events to ensure they are free of debris and litter.</p>	<p>6 monthly</p> <p>As required</p>	<p>Clear accumulated sedimentation via jetting & CCTV</p> <p>Actions anticipated to be carried out by Heyford Park Management Company</p>	<p>As required</p>	<p>Inspections via inspection chambers/accesses and upstream/downstream manholes will determine the overall condition of the storage crates to ensure they are free from silt/debris build-up and should record any defects/deterioration.</p> <p>Actions anticipated to be carried out by Heyford Park Management Company or an associated professional.</p>	<p>50 year design life</p> <p>Crates to be replaced by a competent Contractor to the manufacturers specification</p>