MAINTENANCE REGIME FOR
WASP CHAMBERS

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CATCHPIT, FLOW CONTROL CHAMBERS AND DEVICES

DESCRIPTION

WASP Catchpit Chambers are prefabricated hdpe chambers that are installed into a drainage system to prevent silt and debris from building up and causing blockages. The catchpit chambers are supplied in a range of diameters and depths with a minimum 300mm deep sump. If required, they can be supplied with internal upgrades comprising baffles and filter units.

WASP Flow Control Chambers are prefabricated hdpe chambers that are pre-fitted with orifice or vortex devices. These devices regulate the flow rate of surface water discharge from a development to a prescribed rate. They are usually associated with up-stream temporary attenuation and accommodate the peak flow volume until drain down at the attenuated discharge rate controlled by the WASP flow control chamber.

OPERATION AND MAINTENANCE REQUIREMENTS

Regular inspection and maintenance is required to ensure their effective long-term operation. Maintenance responsibility for systems should be placed with the site owner or maintenance representative. Maintenance requirements are described in the table below. Maintenance plans and schedules should be developed during the design phase. Specific maintenance needs of the system should be monitored, and maintenance schedules adjusted to suit requirements.

Regular maintenance	Inspect and identify any areas that are not operating correctly. If required, take remedial action.	Monthly for 3 months, then six monthly
	Debris removal from catchment surface (where may cause risks to performance)	Monthly
	Inspection of flow control chamber to assess if system is draining down correctly and that the orifice or flow control device is not blocked. Assess if there are any silt accumulations in the chamber sump.	Monthly (and after large storms)
	Removal of accumulated silt from silt trap and catchpit sumps.	Annually, or as required
Remedial actions	Repair / rehabilitation of inlets, outlet, overflows and vents.	As required
Monitoring	Inspect/check all inlets, outlets, and overflows to ensure that they are in good condition and operating as designed.	Annually and after large storms