



Option HS6 – Maintenance of designed/ engineered water bodies

Structural Maintenance Plan and Record

Agreement number

Agreement year (tick as appropriate): 1 2 3 4 5

Each year, or more frequently if required, undertake an inspection of your water body and its associated features. Undertake the maintenance tasks identified in your plan, photograph the completed works and complete the log.

Part of my plan tick	Structure	Inspection task	Maintenance task	Requires action? tick	Frequency	Date of inspection & work completed	Photo ref
	Feeder channel or leat	Free-flow of water not impeded by obstructions from excessive vegetation, silt or bankside/ structural collapse	Clear obstructions Repair collapse		Annual		

Record of work

Part of my plan tick	Structure	Inspection task	Maintenance task	Requires action? tick	Frequency	Date of inspection & work completed	Photo ref
	Silt traps	Traps have capacity and are not full	Remove silt & clear vegetation		Annual		

Record of work

Part of my plan tick	Structure	Inspection task	Maintenance task	Requires action? tick	Frequency	Date of inspection & work completed	Photo ref
	Dam or embankment	Crest, face, slope and toe of dam are free of signs of structural weakness: significant voids, dips & slumps; surface cracking; undermining by large animal burrows unstable trees or roots; signs of significant water seepage throughout	Repair any bank protection Consolidate voids,dips, slumps Reduce damaging vegetation Reduce tree crowns		Annual		

Record of work

Part of my plan tick	Structure	Inspection task	Maintenance task	Requires action? tick	Frequency	Date of inspection & work completed	Photo ref
	Sluice structure & operation	<p>Soundness of wall structure.</p> <p>Extent & reason for significant leakage</p> <p>Cracking or deformity & rot or corrosion on timber/metal sections.</p> <p>Soundness & smooth operation of all fixings and sluice mechanism.</p>	<p>Remove obstructions</p> <p>Repair or replace defective timber, metal and fixings. Treat significant corrosion</p> <p>Lubricate mechanisms</p> <p>Adjust to ensure smooth operation of sluice</p>		Annual		

Record of work

Part of my plan tick	Structure	Inspection task	Maintenance task	Requires action? tick	Frequency	Date of inspection & work completed	Photo ref
	Outflow & overflow weirs	Severity of water undercutting weir and ends, movement & breaches to structure Spalling, cracking and loss of masonry Effect of vegetation & roots on structure Water flowing smoothly over crest	Clear vegetation & roots Secure loose masonry, replace lost masonry & repoint Consolidate around breaches		Annual		

Record of work

Part of my plan tick	Structure	Inspection task	Maintenance task	Requires action? tick	Frequency	Date of inspection & work completed	Photo ref
	Outflow & overflow channels (storm drain, cascade or millrace)	Excessive turbulence indicating loss of face material, holes or scour of dam Free-flow of water not impeded by obstructions from excessive vegetation , silt or bankside/ structural collapse	Clear scrub/fallen trees Repair eroded banks & walls Remove silt 1yr in 3 to preserve wildlife while maintaining water flow		Annual Annual 3 Year rotation		

Record of work