

13. Monitoring

Monitoring is required in order to ensure that the mitigation and enhancement measures identified within Chapters 6 to 12 of this report achieve their objectives. These are summarised below in Table 13.1 for the construction and operational phases of the Proposed Scheme. Monitoring requirements are also specified in the EAP for the Proposed Scheme (see Appendix K).

Table 13.1 Monitoring requirements

Action	Purpose	Frequency and duration
Water vole	Ensure that water vole have been successfully displaced from the works area prior to commencement of construction	As required under our organisational licence (WML OR23) – minimum period of seven days
	Ensure that water vole populations re-establish in areas where displacement undertaken	As required under our organisational licence (WML OR23). Up to three years following displacement or until it is confirmed that water vole are present (whichever is sooner).
Monitoring of planting as recommended in the LIVIA (Chapter 9) and the Landscape Maintenance and Management Plan (LMMP) (Appendix N)	Ensure grassland, marginal wetland habitats, wet scrub and replacement native trees establish successfully post-construction	<ul style="list-style-type: none"> • Two years for grass seeded areas and marginal planting areas (or one year if our field services teams find planting established sufficiently during this time) • Five years for feathered and standard tree planting
Monitoring of areas cleared of INNS, if identified as necessary within the Invasive Species Management Plan which is identified as required within Chapter 7.	Ensure INNS removal is successful and remediate any signs of renewed growth or spread following completion of works under the Proposed Scheme	As deemed necessary within the Invasive Species Management Plan to be developed for the Proposed Scheme.

Action	Purpose	Frequency and duration
Monitoring measures identified as required within the MAP for the Proposed Scheme and Oath to Burrowbridge dredge developed by NE in conjunction with the EA and SDBC and managed and facilitated through the SRA Management Group.	Ensure no significant adverse effects on nature conservation sites	As deemed necessary within the MAP