

# Research and analysis: Assessment of sediment phosphorus capping to control nutrient concentrations in English lakes

This project investigated the effectiveness of a technique for stopping the release of phosphorus from lake sediments. If successful, this could accelerate the ecological recovery of lakes with excessive nutrients (eutrophication) and help to restore fish and wildlife populations.

The project has delivered detailed evidence on a method to control internal lake phosphorus loading to reverse eutrophication and has furthered our understanding of the factors likely to affect the success of sediment capping techniques.

The results of the study will be useful to staff in the Environment Agency and other bodies concerned with lake restoration projects across the UK.