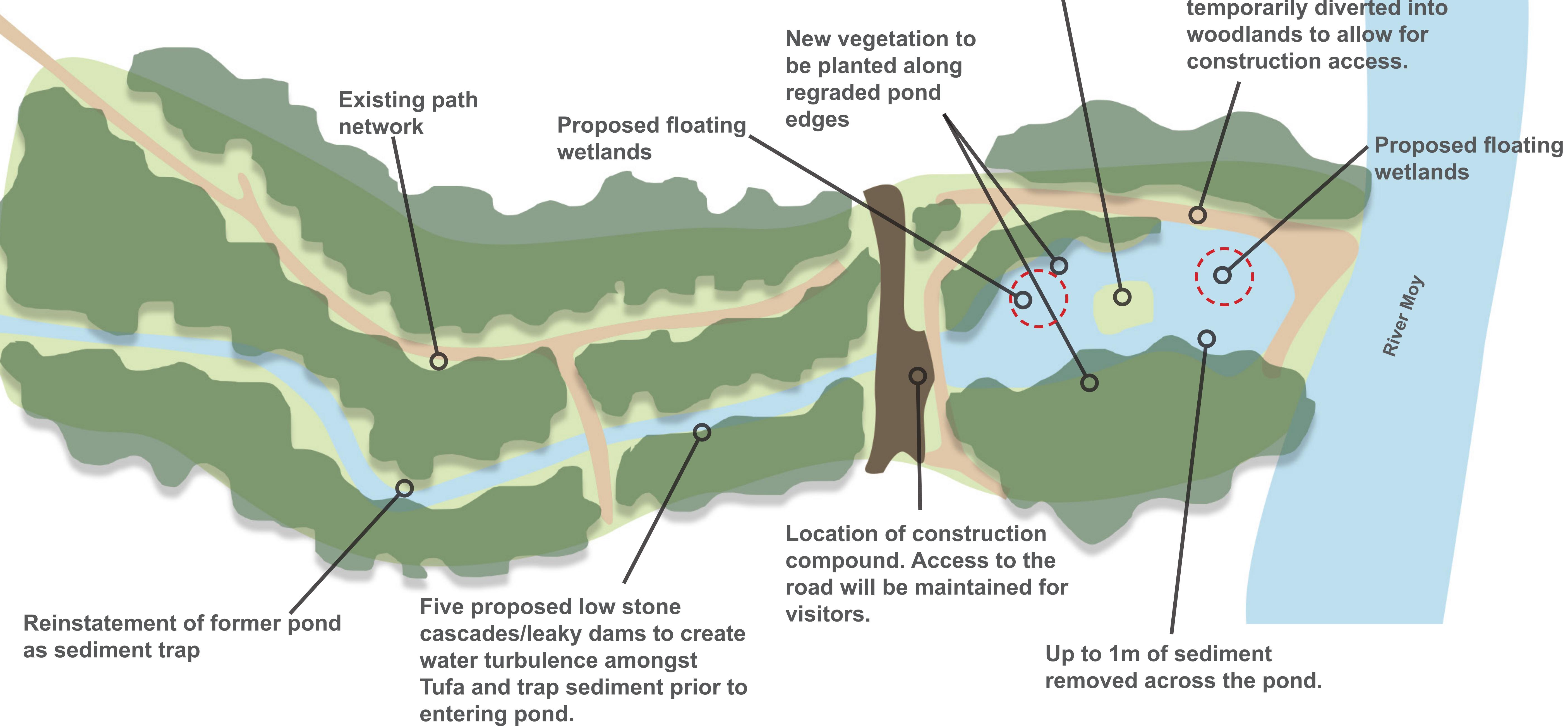
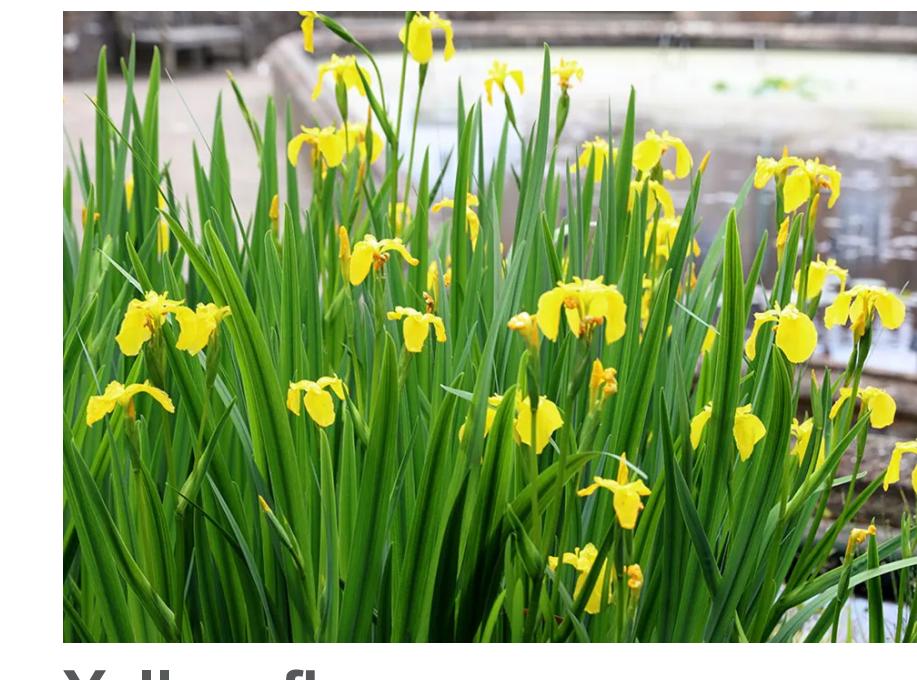


# Belleek Pond Ballina, Co Mayo - Overview of Proposals

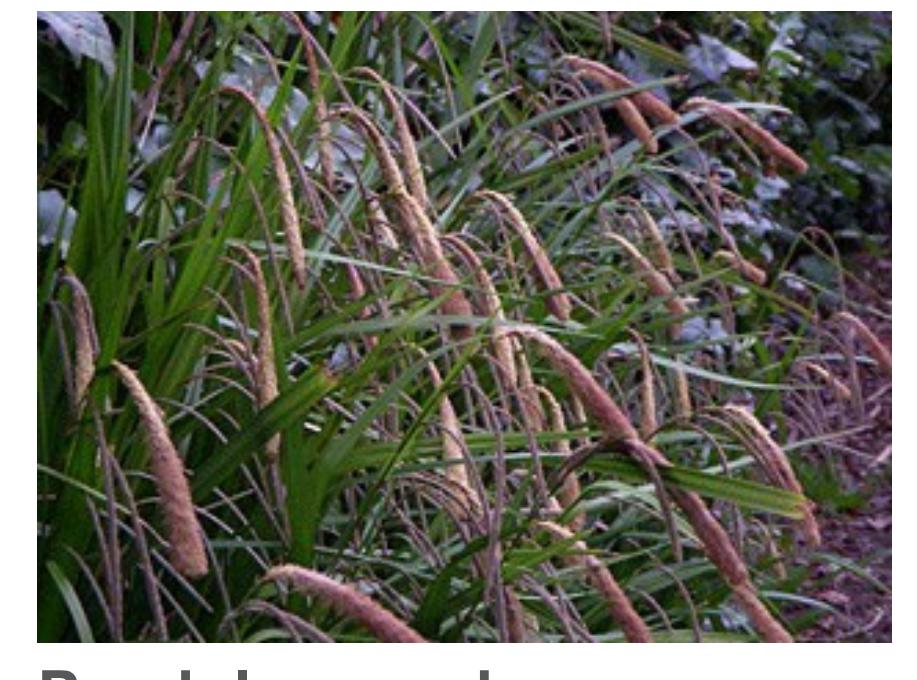
## Site Plan



## Proposed planting



Yellow flag



Pendulous sedge



Water mint



Branched burr weed



European speedwell



Soft rush



Purple loosestrife



Water forget-me-not



Reed canary grass

## Existing conditions



- Pond filled with excess sediment and algal growth.
- Access to pond for maintenance does not meet SuDS Manual standards.
- Lack of biodiversity due to lack of marginal vegetation.
- Stagnant water in pond due to build up of sediment.
- Existing island traps sediment and does not provide adequate habitat for ducks.

## Proposed Works



- Sediment removed from pond to be de-watered reducing volume by 90%. Remaining 10% organic matter to be relocated to two locations agreed with Coillte.
- Banks of the pond to be regraded in accordance with CIRIA SuDS Manual 2015 and planted with native aquatic plants to suit light conditions on northern and southern pond banks.
- Introduction of 2 No. anchored floating wetlands to provide extra habitat for wildlife whilst not restricting water flow.
- Existing central island to be removed to aid water flow.
- Restoration of water flow will increase biodiversity and mitigate excessive algal growth.
- Pond base level in north-eastern part of pond to be raised to maintain water deptf of 0.5m. Elsewhere in the pond water depth to be 1m.